

SEND US TO SPACE! SPACE EXPLORATION CLUB





STORY BY

ANDREW

DONALDSON

Who knew that a community college could work with NASA? As it turns out, LBCC's

own Parker Swanson did. In fact, for the second year in a row Parker's pride and joy, the Space Exploration Club at LBCC, is working on a project with America's space agency. This time to

send a cosmic ray detector into space.

But first, they need your help. For those who don't know, a cosmic ray is high-energy radiation that originates mainly outside of our solar system. What makes understanding these rays important is that they produce showers of secondary particles that penetrate and affect the Earth's atmosphere. Though the atmosphere absorbs most of the radiation, the pieces that do make it through wreak havoc on software, CPU units and even flight control systems on airplanes, increase ozone depletion, and increase the overall

radiation exposure for humans. Though at least a piece of the above paragraph gave you a momentary pause, it turns out there is a group of students at LBCC that think about cosmic rays daily. They think about them so much that even NASA believes that they can help in understanding these harmful rays.

As one of only two community colleges nationwide chosen to participate in the annual "RockOn" workshop at NASA's Wallops Flight Facility in Virginia, the sights of this years' team is to build on the success of the 2014 "Rocket Women" team (Hazel Betz, Ariel Stroh and Ashley Trout) that literally launched the aerospace program here at LBCC.

Led by holdover Betz, a passionate leader who wears her enthusiasm for the cosmos on her sleeve, the goal of this year's team is to improve upon the issues currently plaguing cosmic ray collection technology. This means creating not only their own detector (with the help of three mechanical engineers at OSU), but also designing and programming the software and hardware necessary to make it function properly.

If their design works as envisioned, students at LBCC will actually change the way space agencies around the world collect data on cosmic rays. As current member Levi Willmeth, a soft-spoken but insightful sophomore put it, "Where else are you going to build something and send it into space?"

As amazing and important as this opportunity seems, NASA is still a struggling entity and cannot cover all of the costs necessary to help make this dream a reality. This is where you come in.

Currently \$6,000 short of the funding necessary to make all of this a reality (and with a rapidly approaching of Feb. 15), making a donation (even for as little as \$1) can make a difference in the lives of your fellow RoadRunners and help LBCC continue to set itself apart from community colleges across the nation. **9**



ADDITIONAL INFORMATION

To help out, and to learn more, go to: GoFundMe.com/LBCCRockSatCteam

FOLLOW ANDREW @AWD_ONE12



LBCC INTRODUCES DIRECTING CLASS

STORY AND PHOTO BY CHRISTOPHER TROTCHIE

A Theatrical Directing class might not be regarded as the first step in a successful career for a business student, or even something a typical AAOT transfer student would consider for fulfillment of art elective credits, but there could be a flaw in this thinking.

Dan Stone, Theater Director, is challenging that concept with the creation of his all-new directing class.

"The class is a crash course in understanding people and communicating," said Stone.

Stone believes that LBCC's newest class, Directing I, is not just for theater majors. Skills such as: Developing organizational strategies, leadership skills, and dynamic problem solving are themes that the new class will concentrate on as it attempts to prepare future theater majors along with other students for a successful future.

Stone pointed to the history books to elaborate about the power that the theater has on society.

"Brecht Bertolt [A german Marxist, poet, playwright, and theatre director] believed he could get people to change society through the message contained his plays," said Stone. "Theater can be a great tool to educate and inform."

Recently the troops of the LBCC theater produced "Tango Mike," an original play that confronted the destructive impacts of PTSD affecting many returning veterans. The play confronted the silent killer in a contemporary manner by placing the play in Albany and surrounding areas.

The new class will be available in the near future. If interested, students may inquire with Dan Stone during office hours Tuesdays and Thursdays at 1 p.m.

In preparation for the the 40th annual childrens play, LBCC presents "Follow Coyote." From the creative mind of student Dari Lawire, the theater plans to take a creative look into the age old tale of the Oregon Trail later this February. Tickets will be available Jan. 26 at the box-office located in Takena Hall. **9**

FOLLOW CHRIS @CHRISTOPHER999



PASSING OF THE TORCH



PHOTO: MARWAH ALZABIDI



STORY BY ALLISON

LAMPLUGH

Fall term at LBCC marks the time for a presidential election! This Friday, Jan. 16, is the deadline for applications from presidential hopefuls for the Student Leadership Council.

Current student body president, Adelaine Carter, and vice president, Jeff Lehn, will not run again as they

have already had the two year maximum involvement in SLC. Carter will graduate this year with an A.A.O.T. in Political Science and Lehn will graduate with three degrees: Associates of General Studies AAOT, Associates of Applied Science Accounting Technology, and Associates of Science Business Administration.

The presidential election will take place on Feb. 19-20. Students will cast their vote at designated booths on each LBCC campus. The candidate with the most votes will be named president and the candidate with suggestions as to characteristics one should possess for president.

"[They should be] somebody with a strong personality but someone who also knows when to tone that back, when to lead, when to be firm, and when to observe. Someone who has no qualms with being disliked for a little while if something does go awry. And someone who likes to have fun. At the end of the day we're here to help students have fun."

As for vice president, Lehn offers desired qualities needed for the job.

"It is hard to say what kind of person would be ideal in this position but ultimately it is someone who can work well with anyone. Also, to be able to keep all members of the SLC in line with the constitution and bylaws of the group. This is the primary job of the VP."

The time commitment varies from a part time to full time job, depending on your level of involvement. You will be active on campus sponsoring events, working booths at school-sponsored events, and advocating for fellow peers.

you will attend the Board of Education meeting with elected officials in the community, and one weekend a month you will attend the Oregon Student Association board of directors meeting.

"It's important the president remembers you're not just sitting at board meetings, you are the face of a team that's working so hard for students."

With learned information SLC runs awareness campaigns. Last year, for example, they were involved with campaigning for the \$34 million bond for LBCC and registering students to vote in the November midterm elections.

"We're the best friend you didn't know you had on campus, that's what student government is," said Carter.

SLC is designed as the bridge between students and the school, and on a larger scale, a bridge between students and the state. Those who hold the president and vice president positions will not only be impacting the student body, they will be grooming themselves for the future. Applications can be picked up in the SLC office by the Hot Shot Cafe. Return them with a copy of your official transcript to Barb Horn or Jeff Lehn in SLC. The deadline is Friday, Jan. 16 by 4 p.m. **9**

the second most will become the vice president.

The 2015/16 elected officers will inherit the current 14 member team in the SLC office to oversee. Anyone can apply.

For those considering applying, Carter and Lehn gave insight as to what one can expect to do, learn, and accomplish in SLC leadership. Carter offered

SLC presidency requires you to attend several meetings a month. Once a week you will facilitate an inner-office meeting in which the team discusses campus news, upcoming events, or general awareness. Once a month

FOLLOW ALLISON @LUCYLAFLOURE

"I've learned so many leadership skills like time management, how to balance outside work with school work. I've learned everyone has their own leadership style and it's good to go to as many trainings as possible. I've learned to have an open mind to learn what you don't know, that's probably the biggest thing." - Adelaine Carter.

"The biggest thing that I have learned in the position as VP for SLC is how to be able to work in an office environment with people from all walks of life. In the SLC everyone brings a different story and a different set of talents to the group. It is trying to get all of the personalities to mesh well that has been a learning experience." - Jeff Lehn.





VAPE PEN DEBATE AT LBCC

STORY BY MELISSA JEFFERS

at Linn-Benton. Students and faculty are no longer allowed to use vape pens on campus.

"From the College side of this argument, and I have observed this first hand, VAPE users are disruptive to classroom, study, and culinary environments," said Bruce Thompson, safety and loss prevention.

Currently Oregon State University, University of Oregon, Lane Community College, and Chemeketa Community College prohibit the use of vape pens on campus.

"I don't think vape pens need to be treated like cigarettes as far as having a designated vaping area," said previous student Johnie Stiltner.

Vape pens are to be used at the designated smoke shacks located around campus by McKenzie Hall, Takena Hall, English Language & Culture Institute, Luckiamute Center, and behind the service building.

"I do not like being forced to use the smoking area because the smell of cigarettes makes me nauseous," said student Dennis Hill.

The use of vape pens is considered to be a healthier alternative over tobacco cigarette smoking according

Over the winter break a new policy was implemented to many retailers, however considering that they are a new product there is little evidence proving a "healthy" alternative.

> "To me vape pens are trading one evil for another," said SLC President Adelaine Carter.

> Vaporizers use water, e-liquids, or juices that are made up of four ingredients: Propylene glycol, vegetable glycerin, food-grade flavors, and the optional nicotine.

> "Smokeless does not mean harmless," said Chareane Wimbley-Gouveia, Learning Center coordinator.

> The debate of whether vaping is cleaner for you and the environment because it does not emit second-hand smoke or nasty smells continues.

> "The smell is barely there when someone uses a vape pen compared to cigarettes," said student Christie Gangewer.

> Currently the FDA does not regulate vape pens, according to vaporizer-pen.org. There are no laws with regards to the materials and ingredients that must be used in production of vape pens. It is also said that the odds of vaporizers helping you quit smoking overnight are very low.

There have been cases of users being allergic to one



of the ingredients in e-liquids called Propylene Glycol.

"I think vape pens are a cool tool for people who like to use them and are way less invasive than cigarettes," said student Kamran Ahmed Mirza.

Overall vape pens are legal and a consenting adult can engage in their use.

"Vape pens are a personal choice," said student Nikki Ponce. **Q**

FOLLOW MELISSA @MJEFFER8

CAMPUS BULLETIN

Annual Club Expo

10 a.m. - 1 p.m. Wednesday, Jan. 14, 10 a.m. - 1 p.m.

LBCC clubs will be showcased in Takena Hall. Participants include: AAUW Student Club, Anime Club, Black Curtain Society, Board Games Club, Campus Ambassadors Christian, Community, Gender-Sexuality Alliance, Horticulture Club, Linn-Benton Legends, Phi Theta Kappa, Speech & Debate Club, Students For Life.

LB iLearn

Monday, Jan. 14

LB iLearn Campus launches its first classes. LB iLearn is a completely online campus with a flexible schedule that students can start on any Wednesday during the year. Currently, iLearn campus programs include Business Administration, Medical Coding and Reimbursement Specialist, and Social Media Specialist.

SLC Applicant Deadline

Friday, Jan. 16, 4 p.m.

Applications to be the SLC student body president must be turned in to Barb Horn or Jeff Lehn in the SLC office by the Hot Shot Cafe.

School Closed

Monday, Jan. 19

LBCC will be closed in observance of Martin Luther King Day.

MLK Celebration

Wednesday, Jan. 21, 11 a.m. to 1 p.m.

Please join us in the Commons Cafeteria at 11 a.m. for a viewing of a DVD, then moving to the Diversity Achievement Center F-220 for a discussion and pecan pie.

Gallery Reception

Wednesday, Jan. 21, noon to 1 p.m.

A reception and gallery talk in the NSH second floor atrium features tapestries by Judy Ness, landscape paintings by Bets Cole, and collage images and paintings by Laura Mack. The show is rich in its diversity of media and style. Each artist's work reflects a journey of a place or time.

Blood Drive

Wednesday, Jan. 21, 9 a.m. to 2:30 p.m.

The American Red Cross Blood Drive will be held in the Calapooia Center, Cascade View A and B - 203 and 205. To schedule an appointment call 1-800-733-2767 or sign up online at www.redcrossblood.org using the sponsor code: LBCC.

Chamber Choir Performance

Saturday, Jan. 17, 6 p.m.

The choir will perform at the OMEA convention at the Eugene Hilton.

SPORTS BULLETIN		
UO Basketball		
at Washington State	Thursday, Jan. 15	8 p.m.
at Washington	Sunday, Jan. 18	5:30 p.m.
OSU Basketball		
at Washington	Thursday, Jan. 15	6 p.m.
at Washington State	Saturday, Jan. 17	6 p.m.
LBCC Basketball		
vs. SWOCC	Wednesday, Jan. 14	6 p.m.
at Portland CC	Saturday, Jan. 17	4 p.m.



DID YOU KNOW?

The TV show "Gunsmoke" on air from 1955 to 1975 is the longest running show in history.



LIFE'S JOURNEY



ife is an interesting journey. Full of hills and avalleys that can swallow us whole or raise us to levels not believed possible, it is interesting to reflect on the commonality of every unique experience.

While there has never been another YOU in the history of humanity, how many times have you heard the line, "Man, if only I knew then what I know now?" It is almost as if those who utter this phrase believe that to transport back in time with current knowledge intact means an end to every regret, bad choice, or missed opportunity.

When you stop to think about it, have you ever noticed that almost everyone you know spent their childhood desperately running forward into whatever comes next?

If you are under the age of 25 you probably still feel this way. The saddest reality is that most people are destined to spend their adulthood wishing for that same passage of time to slow back down.

As one who has already passed this threshold, I feel it is a good idea to try to help you with your journey. My goal during my time at LBCC is to pass along knowledge gained over my two decades in academics (both as a grad and undergrad student and as an educator). My

hope is that something in each column I write will resonate with you and that this newfound awareness will help you make the most out of what is, truthfully, a very brief existence.

Know that the first step in any journey is to stretch your comfort zone. It is an infinitely sad reality that far too many people spend their lives trapped inside their

own heads, lost in the shuffle of a playlist or, worse, afraid to interact with others.

The simplest thing in the world is to say hello.

Every day we come into contact with people we know nothing about. Keep in mind that while there is the possibility that you may have nothing in common, the chances are greater that you do. Remember, none of us know the future. For all you know your spouse or boss may be the person sitting right next to you. Keep this in mind always when you interact with people.

Always think about who you are presenting to the world and strive to make that persona one of kindness and likeability. Remember, you are now an adult. No longer are you walking the halls of your high school, trying desperately to fit in. As an adult making your way into the world, how you treat people is not only a

reflection of who you are but it is also a great indicator of how far you go in life.

The most important thing to remember is that a successful life (getting a job, advancing a career, finding a partner, etc.) is no longer about what you know. There are literally THOUSANDS of people out there working harder than you in the same pursuits. This means that of utmost importance is to spread your social network, not only for the doors opened and the opportunities created, but also to branch out your support group. Trust me, you will need more than family to know, love and trust you if you want to truly succeed and survive in life.

So, if you do nothing else this week, step out of your comfort zone. Say hello as you walk across campus, talk to the person next to you in class, on the bus, or at your work. Join a club, a team or a project. Find people who are like you. Above all else, find and follow your passion. Though there is no one else in this world EXACTLY like you, I hope you start to see the similarities in us all. 🛛

FOLLOW ANDREW @AWD_ONE12



DVICE

Career Connections

COOPERATIVE WORK EXPERIENCE: COMPUTER DESKTOP SUPPORT Job ID: 958 Albany, OR Closes: Jan. 18. PT or FT. In this position you will provide Tier I



Question: Does LBCC really eliminate students having just one way of communicating with because of one class? And why don't they call and tell people what's happening? My friend is out of school for winter term because she didn't pass one class and financial aid cut her off. She can't afford the credits on her own. So she's out. When she complained they told her they'd sent an email to her student account telling her she could petition for her aid, but by the time she knew there was an email, it was too late to turn in the petition. Is this really the way it works? And if so, how can a student like me do anything about it. We don't have a voice in decisions.

Answer: It is how it works, and and there is a way for you to have a voice.

Two or three years ago LBCC decided that the only way we would communicate vital information to students was to their student email accounts. It's not just financial aid that uses this means, it's every office at the college. And financial aid simply has to have deadlines, so that they have time to process petitions and requests. I'm not going to try and discuss the pros and cons of

students. They'd have to give me three pages of the paper for that. However, there is a way you, or any student can have a voice in the college's decisions. You can get involved with Student Life And Leadership.

Student Life and Leadership has a variety of responsibilities, including student clubs, student programs, and student government. AND, as it happens, they are looking for folks to run to be officers right now. Student leaders are invited to sit on almost every important committee of the college, and they play a vital role in many of the colleges decisions.

So, if you want a voice on any topic from communication to tuition, to equity and justice, please walk into the Student Life and Leadership office (next to the Hot Shot Cafe), and sign up to be part of things. You can make a difference, and you will.

support, including the installation of PC software, printers and various peripherals. Pay: \$10.00/hr.

PAINTER: Job ID: 851 Albany, OR Closes: Jan. 28 PT or FT. Linn County General Services is looking for a painter to paint interior spaces within county buildings. Pay: \$10.00-\$15.00/hr.

AUTO BODY PAINT TECHNICIAN: Job ID: 926 Sweet Home, OR Closes: Jan. 30. FT. Duties include providing a wide range of auto body and collision repair; straightening bent or twisted frames, removing parts to gain access to vehicle body and fenders, etc. Pay: \$15.50/hr.

CNC MACHINIST: Job ID: 940 Albany, OR Closes: Jan. 30 FT. Program, setup and manufacture of short-run, close tolerance, complex parts for customers in industrial robotics, automation, electronics, wafer processing and Aerospace. Pay: \$15.00-28.00/hr.

DISMANTLING TECHNICIAN: Job ID: 953 Albany, OR Closes: Jan. 30. PT. Duties include dismantling wrecked vehicles by reading information on work orders; Pay: \$10.00/hr. plus pay on performance.

For more information, visit Career Services in Takena Hall or www.linnbenton.edu/career-connections

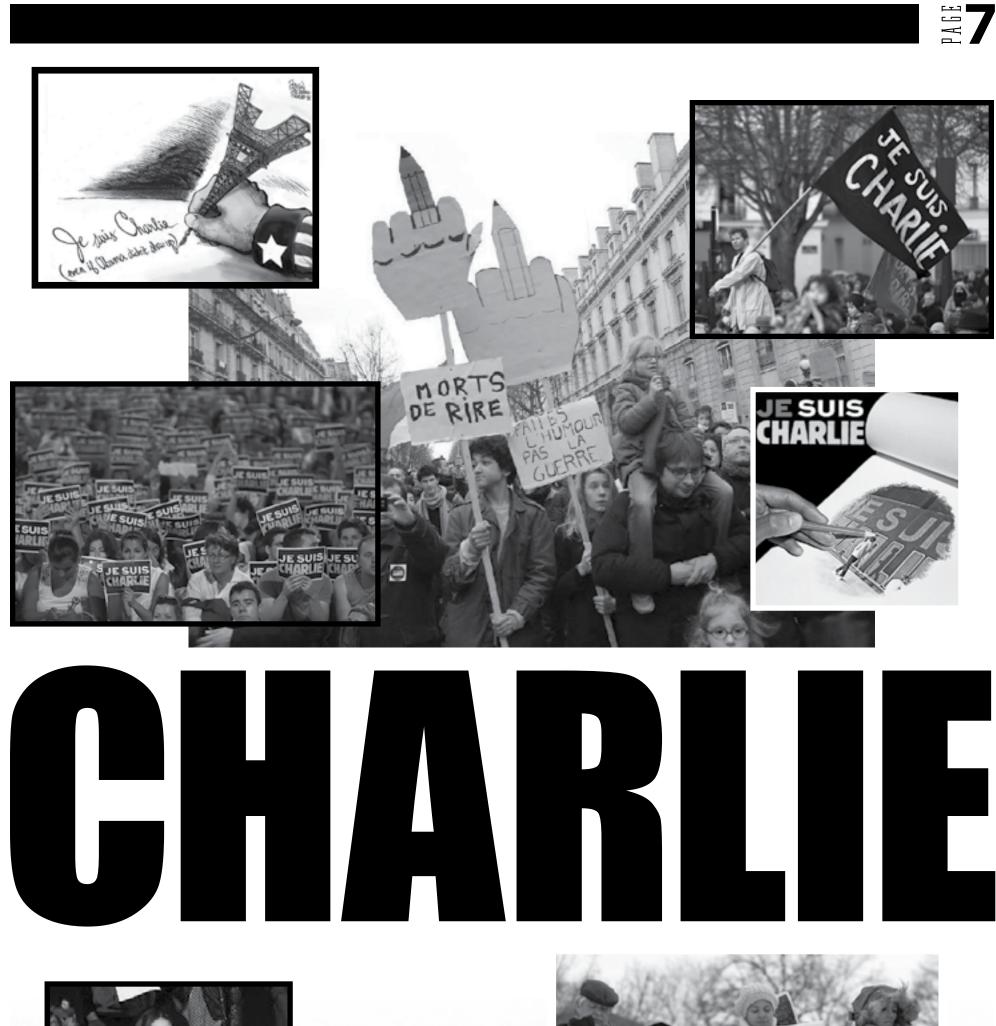


the next two days the death toll reached 17, including three of the gunmen, as terrorists attacked several other locations injuring a total of 21 people. It is the most detrimental terrorist attack in France since 1961.

Paris to rally for national unity. With more people joining across the nation, a total of 3.7 million people demonstrated in response to the attacks. \mathbf{Q}









COURTESY: PHOTOGRAPHERS WHO CONTRIBUTED TO OPEN SOURCE IMAGES OF THIS EVENT





MAZAMA WINTER ALE FESTIVAL

STORY BY CHRISTOPHER TROTCHIE Gillian Tobin and her family brewery, Mazama Brewing, held their 2nd Annual Dark Days Winter Ale Festival on Jan. 10.

As she hustled from one group of jovial festival goers to the next, Tobin was more of a blur Saturday evening than the LBCC graphic design student she usually is. Her job was making sure the event went off without a hitch. Be it a technical issue such as a nonresponsive tablet used to calculate entry fees or a band member seeking beer tokens, there was no task too small or too large for her.

Not only did Mazama Brewing celebrate another year of hard work with their supporters over tasty craft beers and live music, they also took the opportunity to help raise money in support of the Michael Olson memorial fund. The fund is designed to facilitate scholarship opportunities for underprivileged children in grades 3-5 who wish to attend summer camp at the Oregon Zoo.

Olson fell victim to a random act of violence earlier this year when he was shot and killed in S.E. Portland. Olson worked at "Hair of The Dog" [famed Portland area pub] and they are coordinating the fundraising efforts.

Tobins' parents, Jeff and Kathy, both worked at HP. Jeff was an electrical engineer for 30 years and Kathy recently retired from the printing and computing department. Tobin recalled that her parents have always dreamed of having a brewery, and for the past 24 years her family has developed the recipes Mazama is now proudly serving up from their taproom all the way to Japan.

"My first beer memories are of my dad homebrewing when I was 6 or 7. I love the delicious smell of the wort and mash when we brew at Mazama, I love being able to walk through the brewery and smell that," said Gillian.

Belgian beer styles are what Mazama does best according to Jeff Tobin, the mastermind of the operation. After struggling to find good Belgian beer, Jeff set out to remedy the situation. In 2011 he set his eyes on a trip to the country of Belgium. After spending time there he became inspired to create his own mark on the ever growing microbrew world, and Mazama Brewing was born. "I've always been interested in design, but didn't think about doing any educational training for graphic design until I started working at the brewery. Everyday we have graphic design needs whether it's to make a poster for an upcoming event or to design a new beer label, we are always in need of the skill. It just seemed to make sense for me to go back to school and get a graphic design degree," said Gillian.

Karah and Tom Pearson both had positive reviews of the local watering hole. "Awesome" and "amazing" were their choice words for Mazama brewing, adding that their favorite drafts are Hop Eruption and White Wedding. The excited couple missed last year's event and was looking forward to this year's festivities. Both were impressed by the turnout and were looking forward to "Dogheart" —the first of two live bands that was warming up above the crowd on a catwalk that overlooked the entire brewery.

"They make a great product here," said Mrs. Pearson. Tobin plans to finish the two year Graphic Design program at LBCC and get to work using her newest set of skills to better promote the Mazama brand.

Tobin's commitment to excellence was on display Saturday night, as everyone in attendance appeared satisfied while hopping on the free shuttle that brought festival goers to and from Corvallis for free.

The Tobins are hard at work creating the craft beers of their dreams at Mazama Brewing every day. For a chance to sample their works, join them in their tasting room located at 33930 SE Eastgate Circle, Suite A, Corvallis. \heartsuit



Winter Ale Festival goers enjoying a pleasant evening together.

FOLLOW CHRIS @CHRISTOPHER999





Dogheart warms up for show at Mazama Brewing.

PHOTOS: CHRISTOPHER TROTCHIE

Gillian Tobin readies the band for their perfomance.





STORY AND PHOTOS BY RICHARD STEEVES

Coming to a Store Near You



Owner and operator of Left Coast Farms Josh Wolfe inspects his medical marijuana crop.

Recreational marijuana...like it or not here it comes. With the passing of Measure 91, come July 15, Oregon residents will be able to possess, grow, and consume marijuana legally.

With these new freedoms an industry will emerge. There is money to be made on marijuana with economists estimating the recreational side of the industry well worth over \$10 billion by 2018, people from all walks of life will be looking to cash in on the cash crop.

The legalization of the cannabis industry will also bring a new and expansive job market, ranging from growers to accountants. Jobs that can be occupied by average housewives and college graduates, people who don't fit the typical stoner stereotype.

Established Oregon medical marijuana growers and dispensaries, undoubtedly have a leg up in the future of the industry within the state. Josh Wolfe is just one of many mid-willamette-valley medical growers looking for success on the recreational side of the business.



But Wolfe, a self described "pot farmer," isn't your average grower.

The east coast has a history and bloodline with moonshiners and the west coast has a similar background with marijuana. For generations both subcultures have hid behind cliches and thrived off of the black market.

Wolf has a rich history in the West Coast cannabis business. His roots stem from the infamous Emerald Triangle in Northern California. His grandmother emigrated to California from Finland in 1902 and lived in the oldest house in present day Eureka. In the year 2000 at the age of 19, shortly after graduating from Amity High School, Wolf received a call from his Uncle Rick offering him a job working on his medical marijuana farm in the heart of the Emerald Triangle, located between the towns of Honeydew and Petrolia.

Jumping at the opportunity, Wolfe spent the next two and half years learning how to grow marijuana. Just like generations upon generations of moonshiners, growing marijuana is in Wolfe's blood.

"I learned things that I didn't learn in high school. I learned about the cycles and seasons of growing."

In 2003 Wolfe returned to the Willamette Valley looking to put the skills he had learned in Californaia to good use. Upon his return, Wolfe continued to grow medical marijuana in Oregon but knew that he wanted something more for himself and his family. So, he enrolled at Heald College and in 2005 and earned an



good apprentice he has combined the skills he learned growing marijuana in the Emerald Triangle with the business skills he was taught at Heald into a professional career that provides for his family.

Wolfe is now the owner, head grower, and operator of Left Coast Farms. Responsible for providing nine patients with medical marijuana, Left Coast Farms provides full-time employment for Wolfe, two other grow hands, and seasonal part-time employees for harvesting.

With over \$100,000 already invested into his business, Wolfe would like to commercialize his farm into the recreational sector of the business by opening more grow operations and hiring additional employees.

"It takes an army to have a successful grow-op."

He is currently working with investors and plans to be the first person in line on Jan. 4 when the OLCC will begin accepting applications for "Marijuana Producers." When it comes to the potential profit of the marijuana industry Wolfe sees the "sky as the limit," but fears big business will take over.

Wolfe doesn't look to marijuana for huge profits or to get rich, but like most hard working Americans he wants to provide for his wife and three children with the skills he has. His ultimate goal is to pay for his kids' college education, and with the emerging recreational cannabis industry, Wolfe's dream of success, like many other marijuana prospectors may just be in reach. $\mathbf{9}$

Josh Clark mixes organic nutrients getting ready to water the budding cannabis.

associates degree in Business Administration. Like any

FOLLOW RICHARD **@RSTEEVES84**



Left Coast Farms medical marijuana crop in bloom.

Arts & Entertainment



Arsenal of Cyber Terrorism

STORY BY MATHEW BROCK

If you play online games, stream might imagine. Simply movies, or partake in any of the other various entertainment options the internet offers us, then

chances are you've felt shockwaves caused by the many forms of cyber terrorism that have plagued the world wide web since it's inception.

Last year was plagued with said incidents, such as the recent hacker intrusion against Sony Pictures Entertainment or the ongoing DDOS attacks against video game providers like Riot and Blizzard by various malicious online hacker groups. To think that companies as large and powerful as Microsoft are often at the mercy of some anonymous persons, that could be hidden away anywhere in the world, is staggering.

The truth of the matter lies in the nature of the internet and its relation to modern technology. To understand the situation we must first understand the problem. Terms such as virus, DDOS and hacking are routinely tossed around, but oftentimes have little weight behind them. So, in an attempt to better understand the concept of cyber terrorism, lets talk about the tools that make it possible in the first place.

The term hacking is fairly prominent in today's culture, yet it receives a very inaccurate portrayal. We see it pop up in movies, the news, video games, you name it, but what we see is rarely anything close to the real deal.

For example, movies often portray hacking as some sort of incredibly complex video game that somehow rewards frantic speech, requires you to mash buttons on the keyboard as fast as you can, and makes you sweat profusely for no apparent reason. It's more about checking to see who used "password" as their password or casually staring at a line of code for hours on end.

Many news sources don't bother to explain the "ins and outs" of hacking either, often just referring to it as some sort of ambiguous threat, like bad weather or traffic. To the average person it's often just some technological dark magic that posts profanities on people's Facebook or tries to filch their credit card information.

In reality, hacking is a lot more mundane than you

put, its using technical know-how to bypass a computer's security features. This is often as simple as guessing someones password correctly, but can also be as complex as finding exploitable holes in your operating system. Thats why your computer often receives updates to patch those holes as soon as hackers find them.

Hacking is often accompanied by the use of a virus, a malicious program someone has created in order to manipulate a computer remotely. Viruses are usually installed by accident by the user of the computer and can be difficult to remove. They

can record everything you type into your keyboard, hold your computer hostage, delete important files, and even cause physical damage to your computer's hardware in extreme circumstances, and thats just the tip of the iceberg.

Another common tool used by internet "ne'er-dowells" is the denial-of-service attack, commonly referred to as a DDOS attack. This involves flooding a website or internet service with so much useless data that the useful data can't get through.

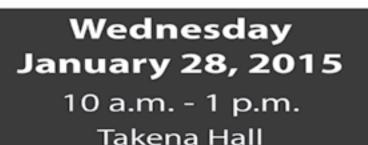
Think of the internet service as a bathtub. When everything is working correctly the water pours from the faucet directly into the drain. Then imagine pouring a dozen more faucets into the bathtub at once and making it fill up. Your game or movie only works properly when the bathtub is empty. Clogging things up can be done in



a variety of methods such as having thousands of failed login attempts at the same time or simply sending a bunch of meaningless data to a particular website.

Cyber terrorism is becoming a bigger topic each day, and is likely to get larger as the year goes on. I strongly encourage everyone to brush up on the "ins and outs" of the ever-growing internet culture related to hacking. Even spending an hour reading Wikipedia on the subject could give you a much deeper understanding of what's going on. Just for the sake of all that is good, don't look to crime drama television shows or blockbuster movies to explain these things, they're just doing you a huge disservice. $\mathbf{9}$

FOLLOW MATHEW @MATHEWQBROCK







UREGON TRANSFER DAYS making your future happen

Meet with college & university representatives. Learn about transferring your two-year degree & credits!

For more information: 541-917-4816 • LBCC Admissions



ersons having questions about or requests for special needs and accommodations should contact the Disability Coordinator at Linn-Benton Community College, RCH-105, 6500 Pacific Blvd. 5%, Albany, OR 97321. Phone 541-917-4690 or via Oregon Telecommunications Relay ITID at 1-800-735-2900 or 1-800-735-1232. Contact should be made 72 hours or more in advance of the event. LBCC is an equal opportunity employer & educator.

DID YOU KNOW?

The woodpecker's tongue is almost as long as its body and wraps around its skull as a shock absorber.

Right Whales have the largest testicles of any animal on Earth weighing in at one ton a pair.

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CREATIVE CORNER

"Dream Pond"

I glanced back in utter astonishment. At what was coming up from the pond. A misting fog, an illusion of something more. It made me think back to times of smiles and laughter. I shook my head vigorously. Of course the pond had nothing to do with my good memories. Then again like the pond my memories are fleeting. I am similar to the pond because like me it is seasonal. When the fall and spring are here the pond is full, almost flooding. Then when that dreadful summer hits the pond is no more. The summer sun dries up all water. Leaving cracked and worn dead earth below. Where the pond used to lie. Like the pond, I am at my best during the spring and fall. Winter is a happy in between, no sadness, and no nothing. It is a pleasant frozen surface that deflects all emotions. Sadly I am so much like the pond my summers are dry and dead. No rain to sustain the earth.

No happiness to sustain my soul. During those hot summer months my soul shrivels; as does the earth beneath the pond. I snap back to reality. I had fallen asleep next to the pond. Now I watch the light ripples in knowing wonder. My dream pond.

By Michelle Soutar

"The Jazz Bar"

In a land far away I sit in a Smoky bar with a Suntory on the rocks This cozy little jazz bars walls covered in vinyl records Ceiling dark oak

Small chairs

This place seats no more than 20

Alas I sit alone

We all come out to listen to Miles, Armstrong and Cannon Ball. We don't all speak English in here But we toast to the Blue Note every night

Come one come all to drink, smoke and fall in love again every night at the Blue Note.

By Kent Elliott



CREATED BY: CAMERON REED

"A Dreamers Flaws"

I drift I sway to the morning, noon, and night. My heart, body, and soul. Belong under your sweet caress. Tender wishes of the day turn to dreams in the night. Dreams that seem so real.

Real like a teenagers first heart break. Real like the wind on a stormy night. Not always constant but there none the less.

I seek to break through simple wishes and dreams. I seek a new dawn. I seek an end to careless dreamers,

They that but pursue that which they will never attain.

A dream of how to make wishes come true. How to bedazzle a baby bird from its nest. You never see the danger of these dreams. Until you have wished them true.

Until you have given everything away. In the chase of a dream. In the end of your chase you have nothing left. Because, while you have been chasing this elusive dream. All else has fallen to the way side. Family, friends, hobbies, and loves long forgotten.

> No more shall you dream and wish Of things you never had.

For you will always wish to dream To dream of a time when you had it all. You had it all and you didn't even know it.

By Michelle Soutar



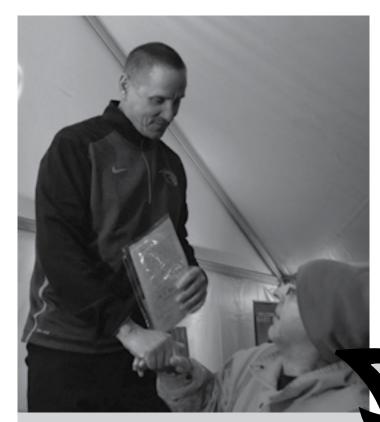


OSU Welcomes Gary Andersen

STORY AND PHOTOS BY JARRED BERGER On Dec. 10, 2014 Oregon State announced the hiring of Gary Andersen as the new head coach of Oregon State. Andersen comes from Wisconsin where he was

On Dec. 10, 2014 Oregon State head coach for two seasons and had a 19-7 record.

His first head coaching job was at Utah State where he was promoted from Defensive Coordinator to Head Coach in 2009 and kept that job until 2012 when he went to Wisconsin. He was Defensive Coordinator at Utah State from 2005-2008 and helped lead the 2008 team to the Sugar Bowl, beating Alabama. Andersen has hired new staff at Oregon State including new Offensive Coordinator Dave Baldwin and Defensive Coordinator Kalani Sitake.



Gary Andersen shakes the hand of a fan as he exits the stage and arrives in Corvallis following the departure of Mike Riley. Andersen previously coached at Wisconsin where he was 19-7 in two seasons. Following the Meet-n-Greet Coach Andersen attended the women's basketball game against Oregon who was routed by Oregon State, 70-37.



The Oregon State Cheer and Dance Team stopped by to fire up the crowd for the Meet-n-Greet of new Head Coach Gary Andersen.



Benny the Beaver, Oregon State's mascot, showed up to take pictures with Beaver



Radio Personality Mike Parker, voice of the Beavers, welcomed Coach Andersen onto the stage. Parker asked the coach some pointed questions, the coach also introduced the new offensive and defensive coordinators.

FOLLOW JARRED **@JARRED_BERGER**

fans at the Meet-n-Greet ahead of Gary Andersen's first season as OSU Head Football Coach.



BEAVERS TAME THE WILDCATS

STORY BY COOPER PAWSON The Beavers shocked the world by knocking off fifth ranked Arizona 58-56 in a defensive battle on Sunday night, Jan. 11.

When fans rush the court it is a moment to remember for all players involved. For the fans attending the game this will be the night they will all remember as the first of many big wins in the Wayne Tinkle era.

OSU made it through the first real test of their home court undefeated streak this season. Now 10-0 at home in Gill Coliseum, the Beavers are off to one of the best starts in OSU history. Granted, Arizona was not at its best. It was the lowest score for the Wildcats all year and only the fourth time they have scored under 70 points.

"I think that all that this proves is that [the Pac-12] is a tough conference to win on the road. Our guys played their absolute you-know-what's off and it wasn't pretty," said Tinkle. "We turned it over too easy and made some silly decisions. We hung together through it all and we answered every one of [Arizona's] blows."

This was a full team win. Every Beaver on the court, with the exception of Tanner Sanders who only logged three minutes and attempted one shot, scored at least six points.

"When we run our motion right and there is a lot of movement and a lot of screens, opportunities like this are going to present themselves. It was one guy after the other making great plays," said Tinkle.

Langston Morris-Walker and Gary Payton II lead the way offensively. Payton added 10 points and nine rebounds and Morris-Walker led the team in scoring with 12 points and eight rebounds. His last two points came with just seconds left and would ultimately be the game winning lay-up. "I saw that Arizona was in a scramble, the ball got swung to me really fast, and I saw the hole so I just took in and laid it up," said Morris-Walker.

The transformation that has happened in the last couple months has been by leaps and bounds. What seemed at first to be a hopeless year after OSU's loss to Western Oregon has now turned into a competitive and successful season.

The Beavers look to bring their winning ways at home, when they take on Washington and Washington State this week, on the road. OSU and UW tip-off at 6 p.m. Thursday, Jan.15. The Beavers then take on the Cougars in Pullman at 6 p.m. on Saturday, Jan. 17.

FOLLOW COOPER @LBSPORTS





TURNOVERS TOPPLE RUNNERS

STORY BY CALEB CLEARMAN

RoadRunners fail to pick up their first league win against Chemeketa in the 83-67 loss Saturday, Jan. 10.

Linn-Benton traveled to Chemeketa for their first league game of the 2015 season. Linn-Benton went into the game with a 4-6 record, and after a slow start to the season, LB hoped to open conference play with a win. However, they met a tough Chemeketa team.

Linn-Benton knew they would be faced with tough competition as Chemeketa came into the game with a 9-6 record, riding a three game winning streak.

"They had height and speed on their side and wanted to force turnovers," said Taylor Vicknair,

sophomore forward.

Chemeketa was able to use their size and speed to their advantage, forcing LB into 20 turnovers. Chemeketa capitalized on these mistakes scoring 28 points off of turnovers.

LB kept the game close in the first half. Sophomore forward Trevor Cooley was hot, scoring nine points early in the game.

"Adam [Moore] was looking for me in the corner and we had a good connection," said Cooley.

However, Chemeketa pulled out to a 12-point lead at half. Linn-Benton was not able to cut into the deficit.

"We played good defense at times and were able to get and turn them into transition points, but towards the end of the game we couldn't keep up with their fast pace," said Vicknair.

"They got a lot of easy points on fast breaks and layins," reiterated Cooley.

In the end Chemeketa's tempo was just too much for the RoadRunners. Linn-Benton will move forward from the loss and try to build on the positives from the game.

The RoadRunners will try to get their first league win of the season against Southwestern Oregon CC at home Wednesday, Jan. 14. Tip-off is at 6:00 pm. 9

FOLLOW CALEB @CLEAR_MAN10



BUCKS PLUCK DUCKS

STORY BY ANDREW GILLETTE

Monday night as the Ohio State Buckeyes beat the Ducks in convincing fashion 42-20 in the National

Championship game.

"I'm just sorry we came up a little short," Marcus Mariota said.

As fans feel remorse for a season that fell short of lofty expectations, we can highlight this year as a memorable one. After what can only be considered a successful season the Ducks finished with a Heisman, Pac-12 Championship, and a Rose Bowl win.

"It's unfortunate and a little bit insulting in a lot of ways that whoever loses this game, the word failure comes up as a descriptive for the season," said Head Coach Mark Helfrich.

It's time to pack away your tailgating gear and prepare for next season's speculation and dreams of winning the big game. "There is always next year." Words college

Oregon's season came to an end fans say after a humbling season. Every team has expectations set from a previous season's success and Oregon has set the bar high for future seasons.

Five seasons of 11 wins or better and an overall record of 50-8, 86 percent, one of the best records in college football over that period. Oregon will look to continue their success coming into a difficult schedule which is sure to test the Ducks. Away games against Michigan State, Washington, Arizona State, and Stanford highlight a tough season of games.

As Oregon say goodbye to our first Heisman winner Mariota, the future has some bright spots for the Ducks. The list of returning starters on offense is big. The core running backs, Royce Freeman and Thomas Tyner, who will arguably be the best backs in the country. Wide receivers will also be a strong position after freshman starters Devon Allen, Darren Carrington, and Charles Nelson are joined with injured star Bralon Addison.

Serious questions will be raised on some departing

players, first and foremost, nobody will be able to "fit the bill" that Mariota set. There is going to be a battle between Jeff Lockie and multiple quarterback options, highlighted by circulating speculation of Braxton Miller transferring to Oregon.

Along with the questions of quarterbacks there are serious holes to fill on the offensive line with the departures of Jake Fisher, Hroniss Grasu, and Hamani Stevens. As if the secondary didn't have enough problems this year containing the pass game, Oregon is losing two of its best defensive players and team leaders in interceptions with Ifo Ekpre-Olomu and Erick Dargan.

Throughout all the speculation that will be made, early 2015 rankings still have the Ducks in the top-10 and Oregon will look to get its third chance at a National Championship in a decade. \mathbf{Q}

FOLLOW ANDREW @ANDREWJGILLETTE

BRADEN MONNOT TAYLOR VICKNAIR

Growing up in Southern Oregon, Braden Monnot always had a focus on playing basketball. His dad was a live-in coach throughout childhood. Playing in camps during the offseason and being an avid sports watcher, watching North Carolina Tar Heels and Golden State Warriors, it seems Monnot was destined to continue his love of sports.

Monnot played for Hidden Valley High School and was named to the second team all-conference. His freshmen season was a rough year for the program, including a roster made up exclusively of freshmen. Monnot and his teammates continued their growth into this season with experienced returners. The team looks to make the playoffs this year.





Sports can keep people, and sometimes even families, connected. Taylor Vicknair's dad played college basketball at Linfield University in McMinnville, where Taylor was raised. From a young age Vicknair was always involved in sports.

"Growing up in McMinnville our parks and recreation department had great sport opportunities for children."

As a kid Vicknair excelled in basketball, baseball and soccer. When he reached high school, Vicknair decided to give up baseball and joined the track and field team. During high school Vicknair also participated in travel league basketball, which his dad coached.

After high school Vicknair knew he

wanted to compete at the next level. His love for basketball led him to Linn-Benton.

"I had a few possibilities for college basketball, but it ultimately came down to wanting to be close to family."

In Vicknair's first year at Linn-Benton he played on a RoadRunner team that struggled due to youth and inexperience. This season Vicknair returns with a solid class of sophomores to lead to RoadRunners.

This season Vicknair is averaging 8.4 points and just under four rebounds. He is a three-point specialist, and in a game against Willamette shot 4/10 from three while scoring 16 points.

"I bring enthusiasm, consistency, commitment and competitiveness to the team. Growing up these were the four main goals to keep to myself and the team I was playing for."

In his freshman year, Vicknair was dual enrolled at Oregon State University and Linn-Benton. This year he is focusing on finishing his Associates Degree studying animal science and hopes on one day becoming a Veterinarian. He is hoping that once he finishes at Linn-Benton he can continue playing basketball at the university he attends. \mathbf{Q}

PROFILE BY CALEB CLEARMAN

Starting his sophomore season, Monnot is a 6-foot-4 guard and averaging 6 points, 3.1 assists, and 3.7 rebounds while averaging 22 minutes per game for

LBCC this year. Monnot is going to graduate from LBCC with an AAOT, and hopes to transfer to a university and continue to play basketball. If he doesn't get recruited by a team he wants, he will continue his education at OSU and focus on a sports science degree.

After school Monnot is interested in working with sports teams as a strength and conditioning coach. Hopefully he can begin a head coaching career in the near future. His father took over for his high school team after he graduated and will have lots of guidance on his path to being a coach. \mathbf{Q}

> "Terrific leadership and works hard everyday, especially for his teammates," said Coach Falk.

PROFILE BY ANDREW GILLETTE





HOUSELESS CULTURE

STORY BY RICHARD STEEVES



Jeffs and his green wing macaw named Rose share a moment on the downtown Corvallis waterfront. Jeffs is just one of over 600,000 people homeless in the United States. He, like many young homeless men and women, lose their way in life and turn to the streets.



Shannon sits cold and alone on a park bench at the downtown Corvallis skate park. Shannon suffers from both schizophrenia and alcoholism. Fourtysix percent of the United States homeless population are reported to suffer from severe mental illness.



From left to right Kathy, Alan Knolan, Fred Corona, Lynette and Bob Brokaw with their dog Lucas, and Walter Clark in the foreground, gather under an overpass at the downtown Corvallis skate park. The group gathers nearly everyday to get out of the elements and enjoy swapping stories over cold beer.

FOLLOW RICHARD @RSTEEVES84

Mexican immigrant Ellirious came to the United States chasing the American dream. Ellirious is just one of the estimated 38 percent of the homeless population that suffers from alcoholism. His beer of choice, like many other homeless people, is any kind of "malt liquor." Malt liquor has the strongest alcohol percentage of any beer made.



DID YOU KNOW?

Hampton Court Palace under King Henry VIII's reign served 10,000 gallons of beer per week. They also served wine



David, a Native American and member of the Blackfoot tribe out of Montana, stands proudly in front of what is his home. He lives on the east side of the Willamette River just outside of Corvallis city limits on ODOT land. Just outside city limits he is out of the Corvallis Police Departments jurisdiction. David prefers, like many homeless members of society, to live outdoors, refusing to conform to society's standards.

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THE COMMUTER

The Commuter is the weekly student-run newspaper for LBCC, financed by student fees and advertising. Opinions expressed in The Commuter do not necessarily reflect those of the LBCC administration, faculty and students of LBCC. Editorials, columns, letters, and cartoons reflect the opinions of the authors.

Letters Welcome

The Commuter encourages readers to use its "Opinion" pages to express their views on campus, community, regional and national issues. The Commuter attempts to print all submissions received, but reserves the right to edit for grammar, length, libel, privacy concerns and taste. Opinions expressed by letter submitters do not represent the views of the Commuter staff or the College. Deliver letters to:

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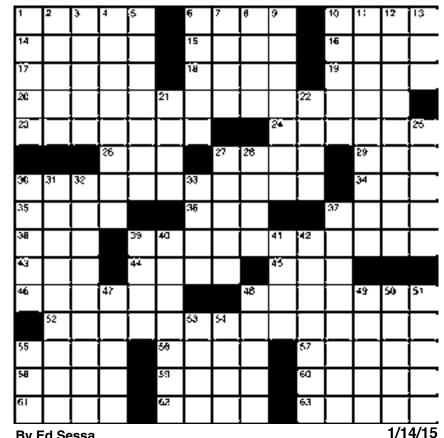
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Los Angeles Times Daily Crossword Puzzle

Edited by Rich Norris and Joyce Lewis

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By Ed Sessa

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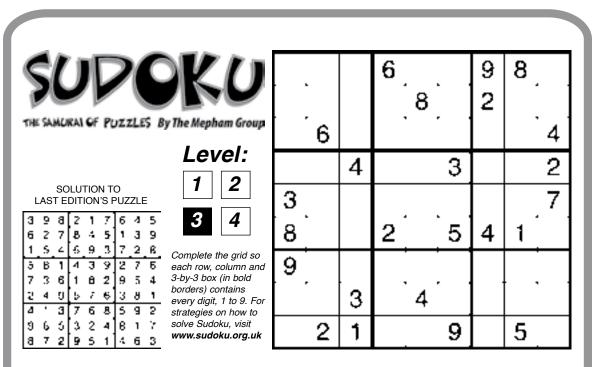
000 MENU 000 1/14 - 1/20

Wednesday: Curry Poached True Cod over Steamed Rice*, Roasted Chicken with Cream Sauce*, Spanikopita. Soups: Creamy Chicken and Mushroom, and Split Pea*

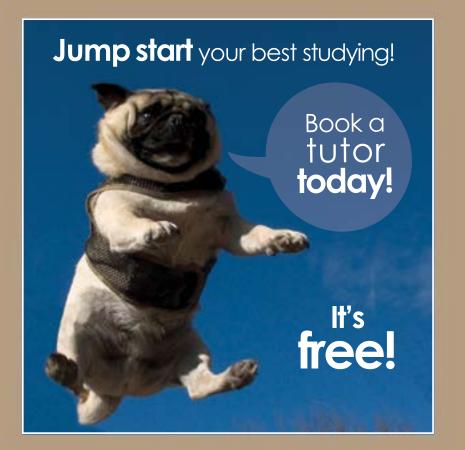
Thursday: French Dip, Grilled Chicken Fettuccine Alfredo, Vegetarian Chili*. Soups: Senate Bean*, and Grilled Vegetable Chowder.

Friday: Chef's Choice Monday: HOLIDAY **Tuesday:** Pork Ragu over Penne, Grilled Salmon with Citrus Beurre Blanc*, Tempura Vegetables with Steamed Rice. Soups: Chicken and Vegetable*, and Dilled Potato Chowder Items denoted with a * are gluten-free

Monday-Friday 10 a.m.-1:15 p.m.



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