**Senior project teaches new greek life members about alcohol**

**Susie Kopecky**  
**mustang daily**

Two Cal Poly students put together their senior projects in an attempt to show the trend in San Luis Obispo. Social science seniors Alex Iversen and KC Chaffee said they have imagined Flipside as a way to educate Cal Poly students on the flip side of a weekend of partying.

"We know that there are general things that are normal for students to see at a party or bar, and we want to show them the realities of things that they do not see and tend not to worry about," Iversen said.

Chaffee said she hoped Flipside would be a chance for students to learn about the consequences of DUI, sexual assault, alcohol poisoning, addiction and many other problems that often get overlooked in a weekend of partying.

Why the desire to promote alcohol education? Chaffee and Iversen have been working closely with the Drug and Alcohol Services of San Luis Obispo County while at Cal Poly.

'We have seen and heard first-hand about the negative effects alcohol use and abuse can have on students," Chaffee said. "Flipside is a chance for Cal Poly students to be educated on the consequences of alcohol abuse for themselves and the community at large."

Iversen pointed out the correlation between alcohol abuse and its role in such things as being cited for DUI, alcohol poisoning, sexual assault and many other issues.

Working with Chaffee, Iversen had his plan put into action Oct. 28 when Flipside was showcased in the Chumash Auditorium. Stephen Lamb, the associate director Student Life & Leadership and advisor to the Interfraternity Council at Cal Poly, made attendance at Flipside necessary for all new fraternity members.

Iversen said that the project's goal is to answer important questions regarding alcohol abuse. The Flipside event was set up to offer vital information on alcohol-related issues, including the cost of a DUI, determining when friends have consumed too much alcohol and dealing with sexual assault.

"It is our hope that by sharing the knowledge these speakers bring to the table, together we can make our community a safer and healthier place to live," Chaffee said.

Flipside is a response to the generation of alcohol.

---

**Flipside is a chance for Cal Poly students to be educated on the consequences of alcohol**

-KC Chaffee  
Flipside organizer

The goal of Flipside was to familiarize the cadets of the third years and fourth years. The fourth years are just interested to see the training of the cadets with an obstacle course, the shooting range, repelling weapons and cleaning land and navigation.

The cadets were picked up in a Chinook helicopter on the lower soccer field and were transported to Camp San Luis Obispo. The 44 Cal Poly cadets were split into two groups and went through the obstacle course that tested their physical and mental capabilities.

="Be safe, have fun, stay hydrated," Cadet Christopher Downey, a civil engineering senior, said. "Mission first, safety always."

For some of the participants it was their first time engaging in a course like this. While completing the obstacles they pushed one another with competition and encouragement.

"If you fall, I am smoking you," Downey said to keep a peer going.

After completing the obstacles the cadets took a quick lunch break. One cadet took out his phone and began playing music, many of the others began to sing along and dance.

The fourth years' interest was in learning what being a cadet entails and what being a representative from the UPD, Dr. Bisheff and RN Sue Fortier from Sierra Vista Emergency Room, Drug and Alcohol Services and Chief Deb Linden of the San Luis Obispo Police Department.

Flipside was kicked off last Wednesday with the premiere of a movie that focused on Carson Starkey, a Cal Poly student who died last year from alcohol poisoning while in the middle of pledging a local fraternity. Lamb said the showing "framed the evening."

They characterized the event as being highly successful in terms of attendance: over 700 individuals showed up to a standing-room-only crowd.

KSBY also covered the event.

"We've always had a component of new member information," Lamb said. "Now we have a model that we will absolutely replicate in the future."

---

**MUSTANG DAILY**  
CALIFORNIA POLYTECHNIC STATE UNIVERSITY

**Former Cal Poly student writes about "Obama generation" in new book.**

Megan Hassler  
**mustang daily**

"The role is you poke in your shirt on the helicopter or else it will go everywhere," one cadet said before entering the helicopter.

More than 85 cadets from Cal Poly and University of California Santa Barbara converged this past weekend to conduct Fall field training exercises (FTX).

"The goal of FTX is to train the third years ... and the primary focus of ROTC is to build and train commissioned officers for the Army," Cadet Daryl Dumlauta, a computer engineering senior said.

The FTX is also used to introduce civilians who are interested in joining ROTC or are just interested to see the training of the cadets. It is also an important step in the training of the third years and fourth years.

The fourth years lead the event with the help of the Cadet Instructor, while the third years are learning to take new leadership responsibilities over the newer cadets in their platoons. One of the main goals of the FTX was to familiarize the cadets with an obstacle course, the shooting range, repelling weapons and cleaning land and navigation.

The cadets were picked up in a Chinook helicopter on the lower soccer field and were transported to Camp San Luis Obispo.

The 44 Cal Poly cadets were split into two groups and went through the obstacle course that tested their physical and mental capabilities.

The 44 Cal Poly cadets were split into two groups and went through the obstacle course that tested their physical and mental capabilities.

="Be safe, have fun, stay hydrated," Cadet Christopher Downey, a civil engineering senior, said. "Mission first, safety always."

For some of the participants it was their first time engaging in a course like this. While completing the obstacles they pushed one another with competition and encouragement.

"If you fall, I am smoking you," Downey said to keep a peer going.

After completing the obstacles the cadets took a quick lunch break. One cadet took out his phone and began playing music, many of the others began to sing along and dance.

The fourth years' interest was in learning what being a cadet entails and what being a representative from the UPD, Dr. Bisheff and RN Sue Fortier from Sierra Vista Emergency Room, Drug and Alcohol Services and Chief Deb Linden of the San Luis Obispo Police Department.

Flipside was kicked off last Wednesday with the premiere of a movie that focused on Carson Starkey, a Cal Poly student who died last year from alcohol poisoning while in the middle of pledging a local fraternity. Lamb said the showing "framed the evening."

They characterized the event as being highly successful in terms of attendance: over 700 individuals showed up to a standing-room-only crowd. KSBY also covered the event.

"We've always had a component of new member information," Lamb said. "Now we have a model that we will absolutely replicate in the future."
of sounds at targets. After all cadets had gone through the training with each weapon they moved on to the repelling site, Fort Merriam. Each cadet was required to learn the basics and of tying, repelling and belaying on a training wall and were tested in their land navigation. In M249. This activity is meant to familiarize them with the weapons. In this exercise they were required to load each weapon and shoot a series of targets.

Before the end of the FTX the participants learned to clear weapons and were tested in their land navigation skills. These cadets are also Cal Poly students and while they take part in labs and learn all of the skills that are required for their various majors they also learn these skills. The average student has never shot a M249 or repelled or controlled a rope with which he has tied. However this experience is not limited to ROTC cadets, they offer these trainings to any civilian who wishes to participate.

Every Thursday morning the cadets have lab training. Lab is where the cadets apply the skills they have learned previously in their training. It is held on the lower soccer field and anyone is welcome to train with the cadets. The third year leads the exercises and are evaluated by the fourth year.

All of these skills are ones that will be tested when the cadets attend Leadership Development Assessment Course (LDAC) in the summer between their third and fourth year of ROTC. The Spring FTX is held just before the third years attend this leadership course at Fort Lewis, Washington for about a month.

“The Spring FTX is geared toward tactical training and getting them prepared to go to Fort Lewis, while Fall FTX is more of an introduction to the Army and the things you will learn,” Captain Jennifer Hill said.

Also Nov. 13 and 14 is Ranger Challenge. Cal Poly cadets and any willing civilians will compete against the cadets of other schools. Fresno State, University of California Los Angeles, University of California Santa Barbara and a school from Guam are all expected to compete.

Robert S. Boyd
ụnụ gị n'ọhụghị ewepụta

WASHINGTON — Lost? Not sure how to get home? Trying to find your way through the mall or an airport? Help is on the way, thanks to a stack of cells, or neurons, in your head. They’re mostly on the left side of the brain in males, on the right in females.

Scientists have long known that a small, seahorse-shaped region in the brain, the hippocampus, contains neurons called “place cells” that specialize in geography.

In recent years, working mostly with laboratory rats, they have discovered additional types of neurons in or near the hippocampus known as “grid cells,” “head-direction cells” and “border cells.”

“Takes together, those cells form a map of the environment,” said Edward Moser, a leading expert on brain mapping at the Norwegian University of Science and Technology in Trondheim, Norway.

The brain maps tell animals, including humans, where they are, how they got there and how to navigate to their next destinations, neuroscientists say.

“When the ability to find one’s way through a large-scale space such as an airport, college campus or city neighborhood is essential for successful functioning in the modern world,” said Russell Epstein, a neuroscientist at the University of Pennsylvania in Philadelphia.

“When we are lost and need to re-establish our general location, scene recognition mechanisms — are likely to be crucial, potentially enabling the correct ‘map’ to be selected in the hippocampus,” said Matthew Wilson, a neurobiologist at the Massachusetts Institute of Technology in Cambridge.

compared the hippocampus to a computer hard drive. Instead of electronic bits and bytes, it contains millions of neurons that store memories of places, people, things and events.

Neuroscientists say that brain mapping cells “fire” — that is, release tiny electric charges — when they sense they’re in specific locations or headed in certain directions. Border cells, for example, light up when they’re close to walls or other boundaries. Moser called them “the brain’s border patrol.”

In a report last December in the journal Science, Trygve Solstad, a researcher in Moser’s lab, outlined how the various cell groups work. “Place cells fire when we pass through fixed locations, letting us know where we are; head-direction cells fire when we face particular directions, acting as a compass, and grid cells fire when we’re at specific points on a hexagonal grid that the brain superimposes on our surroundings,” he said. Moser likened the stack of mapping neurons to a deck of cards.

“The maps are stored extremely thin cards in a deck in the hippocampus, the area that is regarded as the brain’s memory location point,” he said. “The deck is sorted by rank, so that the fine-grained detail maps are located at the top, with the biggest, most coarsely drawn maps further down in the deck.”

It’s much easier for researchers to experiment with laboratory mice and rats than with people. They make the little animals run along tracks, navigate mazes or pass over each place in their natural maps. The order of the firing shows the creatures’ paths.

The firing pattern reflects both the animals’ present spatial position in the environment and the specific trajectory taken to reach that position,” Douglas Nitze, a cognitive scientist at the University of California at San Diego, wrote in the Oct. 13 issue of Nature. “Cells care about the sequence, ordering the path of motion,” Nitze wrote.

There is also evidence for such maps in humans, although much less.” Moser said. In all mammals, “the wiring diagram is so similar that there are all kinds of reasons to believe that the same neural firing patterns are generalized.”

Researchers on humans used to have to rely on tracking sensors in the brains of epileptic patients or studying the effects of brain injuries in the hippocampal area.

Now they’re increasingly using “virtual reality” environments, like those found in computer games. For example, Brain Maps, an expert on the hippocampus at the Welcoming Trust for Brain Imaging in London, put people in a functional magnetic resonance imaging machine to observe which neurons fired as they navigated through a simplified virtual-reality maze.

“Remarkably, we could accurately predict the position of an individual within this environment solely from the pattern of activity in his hippocampus,” Maguire reported in the April 14 edition of Current Biology.

Researchers have identified gender differences in the ways that brain maps work in males and females.

“Female animals use landmarks as external cues,” Wilson said. “Male animals use internal, spatial maps.”

According to Georg Groen, a psychiatrist at the University of Ulm, Germany, men and women who are searching for a path out of a complex, three-dimensional virtual reality maze use different parts of their brains. Male mice activate the left hippocampus, while females use other regions on the right side, Groen said.

Incidentally, Maguire acknowledged, “men were significantly faster than women at finding a way out of the maze.”

The brain’s mapping system

The hippocampus contains neurons that form a spatial navigation structure.

Hippocampus

• Hippocampus tells humans where they are, how they got there, how to navigate to next destination © 2009 MCT

Source: McGraw-Hill Washington Review

The firing pattern reflects both the animals’ present spatial position in the environment and the specific trajectory taken to reach that position,” Douglas Nitze, a cognitive scientist at the University of California at San Diego, wrote in the Oct. 13 issue of Nature. “Cells care about the sequence, ordering the path of motion,” Nitze wrote.

There is also evidence for such maps in humans, although much less.” Moser said. In all mammals, “the wiring diagram is so similar that there are all kinds of reasons to believe that the same neural firing patterns are generalized.”

Researchers on humans used to have to rely on tracking sensors in the brains of epileptic patients or studying the effects of brain injuries in the hippocampal area.

Now they’re increasingly using “virtual reality” environments, like those found in computer games. For example, Brain Maps, an expert on the hippocampus at the Welcoming Trust for Brain Imaging in London, put people in a functional magnetic resonance imaging machine to observe which neurons fired as they navigated through a simplified virtual-reality maze.

“Remarkably, we could accurately predict the position of an individual within this environment solely from the pattern of activity in his hippocampus,” Maguire reported in the April 14 edition of Current Biology.

Researchers have identified gender differences in the ways that brain maps work in males and females.

“Female animals use landmarks as external cues,” Wilson said. “Male animals use internal, spatial maps.”

According to Georg Groen, a psychiatrist at the University of Ulm, Germany, men and women who are searching for a path out of a complex, three-dimensional virtual reality maze use different parts of their brains. Male mice activate the left hippocampus, while females use other regions on the right side, Groen said.

Incidentally, Maguire acknowledged, “men were significantly faster than women at finding a way out of the maze.”

The brain’s mapping system

The hippocampus contains neurons that form a spatial navigation structure.

Hippocampus

• Hippocampus tells humans where they are, how they got there, how to navigate to next destination © 2009 MCT

Source: McGraw-Hill Washington Review

The firing pattern reflects both the animals’ present spatial position in the environment and the specific trajectory taken to reach that position,” Douglas Nitze, a cognitive scientist at the University of California at San Diego, wrote in the Oct. 13 issue of Nature. “Cells care about the sequence, ordering the path of motion,” Nitze wrote.

There is also evidence for such maps in humans, although much less.” Moser said. In all mammals, “the wiring diagram is so similar that there are all kinds of reasons to believe that the same neural firing patterns are generalized.”

Researchers on humans used to have to rely on tracking sensors in the brains of epileptic patients or studying the effects of brain injuries in the hippocampal area.

Now they’re increasingly using “virtual reality” environments, like those found in computer games. For example, Brain Maps, an expert on the hippocampus at the Welcoming Trust for Brain Imaging in London, put people in a functional magnetic resonance imaging machine to observe which neurons fired as they navigated through a simplified virtual-reality maze.

“Remarkably, we could accurately predict the position of an individual within this environment solely from the pattern of activity in his hippocampus,” Maguire reported in the April 14 edition of Current Biology.

Researchers have identified gender differences in the ways that brain maps work in males and females.

“Female animals use landmarks as external cues,” Wilson said. “Male animals use internal, spatial maps.”

According to Georg Groen, a psychiatrist at the University of Ulm, Germany, men and women who are searching for a path out of a complex, three-dimensional virtual reality maze use different parts of their brains. Male mice activate the left hippocampus, while females use other regions on the right side, Groen said.

Incidentally, Maguire acknowledged, “men were significantly faster than women at finding a way out of the maze.”
Ford sees bright future, posts nearly $1B profit

Brent Snavely  
DETROIT — Ford Motor Co. has come a long way from the near $30 billion in losses it racked up between 2006 and 2008. After closing more than 10 plants and slashing 45 percent of its workforce since 2006 in its long-suffering North American division, the Dearborn-based automaker Monday reported net income of $897 million, or 29 cents per share, compared with a net loss of $161 million, or 7 cents per share, a year ago.

For the first nine months of the year, Ford has now posted a $1.8 billion profit. That’s a $10.6 billion improvement because Ford’s third-quarter response to its new cars and trucks, cost reductions and improved results at its financing arm, Ford Motor Credit Co., contributed to the result.

The result was especially impressive because Ford’s third-quarter revenue was $30.9 billion, down $800 million from the same period a year ago.

“We are just not sure, mainly about the strength of the recovery,” Mulally said.

However, Mulally, who was recruited from Boeing Co. to Ford in 2001, at one time for $1.0 billion, he woke up in the middle of the night with an idea — what if the steel was melted down and used to make a Navy warship?

“If at first, people thought I was crazy, but what better way is there to commemorate the victims than with a moving, floating memorial?” Koen said.

He approached Bill White, president of the Intrepid Sea, Air & Space Museum, and the pair got the ball rolling.

“If Koen, the USS New York’s return provides a sense of closure. ‘Finally, a little bit of what was lost that day returns,’ Koen said. ‘It’s like a beautiful ambassador going around the world, saying ‘no matter what you do to us, we will take what was knocked down and make something else out of it.’”

HACKENSACK, N.J. — The USS New York — the fifth U.S. ship to be named New York, partly built with steel from the World Trade Center, the Navy’s newest warship is the fifth U.S. ship to be named New York.}

Giovanna Fabiano  
PROFILE OF THE USS NEW YORK, THE U.S. NAVY’S NEWEST WARSHIP

- Keel laid: Sept. 7, 2004
- Name announced: Sept. 10, 2004
- Bow stern: Nov. 7, 2009
- Officially commissioned: Nov. 7, 2009

Chart showing trend in earnings for Ford Motor Co.

Moving ahead

Cost cuts and Cash for Clunkers drove Ford to profit for the second consecutive quarter this year. Net quarterly results, in billions:

- Q4 2008: $2.7
- Q4 2009: $1.0
- Q3 2009: $1.0
- Q2 2009: $1.0
- Q1 2009: $1.8
- Q4 2008: $0.7

Source: Ford Motor Co.  

The USS New York — the fifth U.S. ship to be named New York. The result was especially impressive for Ford because the company improved its cash position by $2.8 billion, ending the quarter with $23.8 billion in cash.

“We are just not sure, mainly about the strength of the recovery,” Mulally said.

However, Mulally, who was recruited from Boeing Co. to Ford in 2001, at one time for $1.0 billion, he woke up in the middle of the night with an idea — what if the steel was melted down and used to make a Navy warship?

Ship built with steel from World Trade Center comes to New York

Giovanna Fabiano  
PROFILE OF THE USS NEW YORK, THE U.S. NAVY’S NEWEST WARSHIP

- Keel laid: Sept. 7, 2004
- Name announced: Sept. 10, 2004
- Bow stern: Nov. 7, 2009
- Officially commissioned: Nov. 7, 2009

Chart showing trend in earnings for Ford Motor Co.

Moving ahead

Cost cuts and Cash for Clunkers drove Ford to profit for the second consecutive quarter this year. Net quarterly results, in billions:

- Q4 2008: $2.7
- Q4 2009: $1.0
- Q3 2009: $1.0
- Q2 2009: $1.0
- Q1 2009: $1.8
- Q4 2008: $0.7

Source: Ford Motor Co.  

The USS New York — the fifth U.S. ship to be named New York. The result was especially impressive for Ford because the company improved its cash position by $2.8 billion, ending the quarter with $23.8 billion in cash.

“We are just not sure, mainly about the strength of the recovery,” Mulally said.

However, Mulally, who was recruited from Boeing Co. to Ford in 2001, at one time for $1.0 billion, he woke up in the middle of the night with an idea — what if the steel was melted down and used to make a Navy warship?

“If at first, people thought I was crazy, but what better way is there to commemorate the victims than with a moving, floating memorial?” Koen said.

He approached Bill White, president of the Intrepid Sea, Air & Space Museum, and the pair got the ball rolling.

“If Koen, the USS New York’s return provides a sense of closure. ‘Finally, a little bit of what was lost that day returns,’ Koen said. ‘It’s like a beautiful ambassador going around the world, saying ‘no matter what you do to us, we will take what was knocked down and make something else out of it.’”

HACKENSACK, N.J. — The USS New York — created in part with steel salvaged from the World Trade Center — has come "home." And Scott Koen couldn’t be prouder.

"This is very emotional for me to see this beautiful ship coming through the New York Harbor all these years after I woke up at 3 in the morning with this idea in my head."

The $1 billion ship, built in Louisiana, contains about 7.5 tons of trade center steel that once towered over lower Manhattan. The crew’s morning began at 4 with reveille, followed by a recording of Frank Sinatra’s "New York, New York." It made its way up the Hudson River, passing at Ground Zero around 8 a.m. with a 21-gun salute, before heading to Pier 88 for a ceremony. It will be officially commissioned on Saturday.

During the ceremony, the USS New York will be officially commissioned on the seven seas and will be prouder.

"It’s like a beautiful ambassador going around the world, saying ‘no matter what you do to us, we will take what was knocked down and make something else out of it.’"
Bay Bridge reopens, but more repairs may be in its future

Janis Mara, Denis Cuff and Robert Salonga

WALNUT CREEK, Calif. — Repairs to the Bay Bridge made it safe to reopen Monday, but the California Department of Transportation (Caltrans), may make other modifications that would require yet another temporary bridge closure later this year, the highway agency's top engineer said.

“We are... looking at a better solution with a more predictable performance for the long term that doesn't require as much monitoring,” Rick Land, Caltrans chief engineer said at a press briefing.

The repair fixed a brace that reinforced a cracked eyeball, that was detected during a Labor Day weekend closure. The brace failed a week ago, sending heavy metal parts down onto the bridge deck.

Caltrans plans to decide within four or five months whether to make other changes to the repaired parts that would trigger another closure.

Meanwhile, motorists are rejoicing at the reopening of the Bay Bridge. Five California Highway Patrol cruisers escorted the first vehicles over the bridge at 8:56 a.m.

At least one motorist, Martha Gonzales of Richmond, Calif., said she was feeling anxious about driving across the Bay Bridge to San Francisco Airport in the evening.

"To be honest, I’m a little nervous," she said. "If it failed once, there must have been a problem."

Land said crews made meticulous modifications to prevent the vibrations and metal on metal grinding that led to the failure a week ago.

"We have taken care of the big issues that led to this failure," Land said. "We made sure we have no metal on metal contact."

He said he is confident the repairs will stand up, but they require extensive and costly monitoring. For that reason, Caltrans is exploring other options that might be fitted onto the Bay Bridge east span for the four years remaining until the structure is replaced.

Land said the Labor Day weekend repair cost about $1.5 million. The latest repair had a similar price tag, but a precise figure was not available.

Not everyone is worried about the reopened bridge. Adolfo Cabrals of Berkeley said he is not hesitant about resuming his weekday drive to his San Francisco job.

"I feel totally comfortable driving over the bridge," said Cabrals, who took a BART train during the closure. "I’m sure they have done the right thing. It just took them a while to figure it out."

The Federal Highway Administration released a statement Monday, saying its engineers had been consulted on the bridge repairs. "The (highway administration) provided expertise and support for Caltrans, and we are pleased to learn the bridge reopened today."

Once again Monday morning, passengers flocked to BART, but it was unclear how many of them would return to the trains now that the bridge is open again.

WORD ON THE STREET

"Now that the Health Center has H1N1 vaccines will you get one?"

"Probably not, I don't really think I need it right now."

-Chelsea Brown, agricultural science senior

"Probably, it's better to be safe than sorry and my roommate had it too."

-Stephanie Rettew, fruit science junior

"I probably will not get it. Getting sick isn't one of my worries right now."

-Alvaro Nunez, industrial engineering senior

"Probably not, I don't believe I will get sick, but I don't want to be sick."

-Emily Ovatt, English freshman

"Probably not because I already had the swine flu."

-Merinda Graham, liberal studies junior

"I don't feel I need the vaccine. My immune system is pretty solid."

-Sean Carroll, biomedical engineering senior

"I need it right now."

-Science senior Chelsea Brown, engineering senior Sean Carroll and liberal studies junior Emily Ovatt

"No, I don't feel I need the vaccine. I've already had the swine flu."

-Stephanie Rotter, finance junior

"Probably not because I already had the swine flu."

-Marinda Graham, liberal studies junior

"I probably will not get it. Getting sick isn't one of my worries right now."

-Alvaro Nunez, industrial engineering senior

"If it failed once, there must have been a problem."

-Land said. "I’m sure they have done the right thing. It just took them a while to figure it out."

-The Federal Highway Administration released a statement Monday, saying its engineers had been consulted on the bridge repairs. "The (highway administration) provided expertise and support for Caltrans, and we are pleased to learn the bridge reopened today."

Once again Monday morning, passengers flocked to BART, but it was unclear how many of them would return to the trains now that the bridge is open again.

Feeling like crap?

Get the day's top stories and more (from home) at www.mustangdaily.net

Creating Harmony
Women's Healthcare

Compassionate Complete Healthcare
for women in a warm,
private environment

ANNUAL EXAMS & PAP SMEARS
• CULTURE/STI TESTING
• CONDOMS
• PV VACUATION
• OVER THE ROOM

WE ACCEPT MOST INSURANCE PLANS
AND ARE HOSPITAL & HOSPICE NEW PATENTS

place call 805.348.0033

email traffic @kcpp@gmail.com

IT'S FREE.

Mustang Daily NEWS
Tuesday, November 3, 2009

www.mustangdaily.net

ADVERTISE YOUR CLUB
PREVENTION

K CPR

Feeling like crap?

Get the day's top stories and more (from home) at www.mustangdaily.net

Bay Bridge commuters cross the troubled span that connects Oakland, California to San Francisco, Monday, November 2. The span closed last Tuesday after a 5,000 lb. component of a temporary eye bar repair crashed onto a passenger vehicle.
**State**

SAN LUIS OBISPO, Calif. (MCT) — One-third of the stores that sold tobacco products in 2009 have stopped doing so, and the remaining tobacco merchants would have to pick up the tab to monitor them under a proposal going before the Board of Supervisors on Tuesday.

The number of outlets went from 78 to 58 in the unincorporated county — those areas not within a city limit.

The county pays staff members to regulate tobacco sales, and to make that program break even, stores that still sell the product should absorb a fee increase of $54, or 14 percent, according to Nikki Schmutz of the County Administrator’s Office. That would bring the cost to $394 per retail license.

Supervisors will introduce this and other proposed fees Tuesday, and hold a full hearing on them on Nov. 24.

**Briefs**

**TORRANCE, Calif. (MCT)** — Your next paycheck may be a little lighter.

The question is, will you even have one?

Beginning Nov. 1, employers will increase state income tax withholdings from paychecks by 10 percent, in compliance with new state tax withholding tables.

However, California’s income tax for 2009 has not increased, meaning any overpayment this year will be returned after this year’s tax returns next year.

"This is not an increase in tax. It’s just an increase in withholding," affirmed Brenda Voet, a spokesperson with the state Franchise Tax Board.

The withholding changes are designed to accelerate payments to California’s recession-battered state coffers.

**National**

FORT LAUDERDALE, Florida (MCT) — The teenagers accused of surrounding Michael Brewer and setting him on fire for the fourth time in the past six months but that would allow them to monitor them under a proposal going before the Board of Supervisors on Tuesday.

The number of outlets went from 78 to 58 in the unincorporated county — those areas not within a city limit.

The county pays staff members to regulate tobacco sales, and to make that program break even, stores that still sell the product should absorb a fee increase of $54, or 14 percent, according to Nikki Schmutz of the County Administrator’s Office. That would bring the cost to $394 per retail license.

Supervisors will introduce this and other proposed fees Tuesday, and hold a full hearing on them on Nov. 24.

**Briefs**

**TORRANCE, Calif. (MCT)** — Your next paycheck may be a little lighter.

The question is, will you even have one?

Beginning Nov. 1, employers will increase state income tax withholdings from paychecks by 10 percent, in compliance with new state tax withholding tables.

However, California’s income tax for 2009 has not increased, meaning any overpayment this year will be returned after this year’s tax returns next year.

"This is not an increase in tax. It’s just an increase in withholding," affirmed Brenda Voet, a spokesperson with the state Franchise Tax Board.

The withholding changes are designed to accelerate payments to California’s recession-battered state coffers.

**International**

ISLAMABAD, Pakistan (MCT) — At least 35 people were killed Monday in a bombing near Rawalpindi, with army personnel among the victims.

The suicide blast by Islamic extremists at a small shopping center became aimed at a line of people who were waiting to withdraw their salaries from a bank branch on the ground floor. Soldiers were in the line.

A feasance blast by Islamic extremists at a small shopping center became aimed at a line of people who were waiting to withdraw their salaries from a bank branch on the ground floor. Soldiers were in the line.

**Ford**

late 2006, said Ford is watching the economy closely and will provide an updated profit outlook in January, when it reports year-end results.

Ford reported an operating profit of $1.1 billion, excluding special items, during the third quarter, easily outperforming Wall Street’s expectations.

An operating profit is a company’s earnings from ongoing operations before interest and taxes.

Analysts, on average, were expecting Ford to report a loss of 12 cents per share, before onetime charges, for the July-September period, according to estimates from Thomson One Analytics.

A big reason for Ford’s improved financial performance was a $1.9-billion improvement in net pricing around the world compared with the same period last year. Most of that, $1.4 billion, was achieved in North America.

Ford said in net pricing improved because it has cut incentive costs and become more successful at selling vehicles with more options and accessories both in the United States and in Europe. That includes options such as Ford’s in-vehicle wireless communications and entertainment technology, Sync.

Medally also noted that the launch of the new Ford F-150, which is a higher-priced vehicle, also contributed to the pricing gain.

Lewis Booth, Ford’s CFO and executive vice president, said Ford’s production cutbacks have allowed the company to also cut incentive spending, because the company no longer has excess inventory it must discount heavily in order to sell.

"It’s due to both the disciplined approach to production … and incentives," Booth said. "And a lot of this pricing has to do with our product programs."

Ford’s improvement also was boosted by cost cuts. During the first nine months of this year, Ford said it has reduced automotive structural costs by $2 billion.

Among the cost cuts: $2.4 billion from engineering and manufacturing, $400 million in reduced pension contributions and $200 million for selling, marketing and advertising.

"We expect structural cost to be relatively stable now that we have largely completed significant restructuring actions within our manufacturing facilities and personnel reduction actions," Booth said.

Since the second quarter of 2007, the last time Ford generated cash, the automaker’s use of cash has been a critical concern for Wall Street analysts.

But Monday, Ford reported it generated cash in the third quarter.

Ford said it ended the third quarter with $3.5 billion in automotive gross cash, an increase of $2.8 billion from the end of the second quarter of 2009.

Last year, during the third quarter, Ford consumed $7.7 billion more production cutbacks have allowed the company to also cut incentive spending, because the company no longer has excess inventory it must discount heavily in order to sell.

"It’s a huge deal," Booth said early this morning in a discussion with journalists.

Booth said Ford also expects to report a positive cash flow during the fourth quarter, but declined to forecast if it would be larger or smaller than the third quarter.
Tibetan Buddhist monks will create a sand-painted mandala and perform sacred music and dances this week at Cal Poly. San Luis Obispo is hosting the 10 monks, members of the Drepung Loseling monasteries, as they travel the world with The Mystic Arts of Tibet 15-month tour.

A mandala consists of millions of grains of colored sand placed in geometric shapes and ancient spiritual symbols; in Tibetan this art is called dul-nor-kyil-khor, which literally means "mandala of colored powders." The monks will perform an opening ceremony for the sand mandala Tuesday at noon next to the information desk in the University Union (UU). They will work on the mandala, set on a 6-foot table until Friday. They will first outline the mandala and then lay the sand by running a thin metal rod over traditional hand-held, metal funnels called chak-pur, which are skinny tubes about a foot long.

"This is the third time Cal Poly Arts director Steven Lerman has seen the monks create a mandala because he thinks the community will appreciate it, he said.

"Watching them make the sand mandala was a most beautiful and interesting experience to see that part of their culture," she said.

"I've had little no experience with Buddhism so it was really interesting to see that part of their culture," she said.

The monks started touring in 1988 as a way to share and spread awareness of their endangered culture, contribute to world peace and healing and to raise support for the Tibetan refugee community in India. There are now more than 2,500 monks living in the reestablished monastery in South India, which was built by 250 surviving monks after the 1959 Chinese invasion demolished their original monasteries, which housed 10 to 15 thousand monks. In 1991, the monks established a nonprofit organization in Atlanta, Georgia, called Drepung Loseling Monastery Inc., according to the tour Web site.

In addition to the monks' mandalas, visitors will be able to create a smaller 2 to 3 foot mandala on an adjacent table. The design for the community mandala was created by Cal Poly art and design senior Mai-Chi Vu, who works for the University Art Gallery and designs ads for the Mustang Daily. Her design is made up of three flowers all native to San Luis Obispo.

"They wanted something more meaningful to Cal Poly but not like the Mustang or the logo. So I used things that can all be found in Poly Canyon," she said.

"The mandala was one of the most beautiful and interesting things I've ever seen. It's just such an intimate art, so very detailed," she said. "One of the monks told me it takes them five years to learn how to do the mandala because they memorize all of the designs," she said.

Guenther said the weeklong visit was a good way to connect people with Buddhism; the mandala brought people who don't usually attend similar events, she said. "On Friday, the monks will perform a closing ceremony. Lerman said it is even more interesting than the opening of the program. The monks will distribute half of the sand from the mandala in small vials to the audience; the rest will be deposited into an urn. Then they will lead a procession to the nearest body of water, which in this case is Stemmer Creek in Santa Rosa Park, and place the sand into the water, which carries the sand's healing powers out into the world to re-consecrate the earth and its inhabitants. This destruction of the mandala is done as a metaphor of the impermanence of life, according to The Mystic Arts of Tibet Web site. Both of the ceremonies are free and the mandalas can be seen through the tour Web site.

"The mandala is one of the most beautiful and interesting things I've ever seen. It's just such an intimate art, so very detailed," she said. "One of the monks told me it takes them five years to learn how to do the mandala because they memorize all of the designs," she said.

Lerman said it is even more interesting than the opening of the program. The monks will distribute half of the sand from the mandala in small vials to the audience; the rest will be deposited into an urn. Then they will lead a procession to the nearest body of water, which in this case is Stemmer Creek in Santa Rosa Park, and place the sand into the water, which carries the sand's healing powers out into the world to re-consecrate the earth and its inhabitants. This destruction of the mandala is done as a metaphor of the impermanence of life, according to The Mystic Arts of Tibet Web site. Both of the ceremonies are free and the mandalas can be seen through the tour Web site.
"Generation Change" published by SLO native

Nikol Schiller
MUSTANG DAILY

Imagine iPhone applications that could change the world by promoting recycling instead of killing brain cells trying to master the Tic Tac Toe App. The imaginary iPhone apps that line the front cover of a recently released book, "Generation Change," encourage trading, adopting shelter animals and disarming weapons, reflecting the book's theme of progressive change.

Jayan Kalathil, a San Luis Obispo native turned New Yorker and a communications and marketing professional, collaborated with public-service announcements writer and director Melissa Bolton-Klinger to create this 399-page handbook that suggests 150 ways people can make a difference in the world. With Kalathil's background in nonprofit work and Bolton-Klinger's experience with writing, the pair created a "perfect storm" of collaboration over the year they spent writing the book, Bolton-Klinger said. Their backgrounds in nonprofit organizations gave the writers a head start on researching issues regarding change.

The book is sectioned off into three concepts of change: ways to change our country, our world and ourselves. Under each category, there are ideas meant to inspire progressive thinking followed by a list of Web sites or books to explore. From blogging to following protesting, Kalathil said, since the book's theme of progressive change, the writers discuss universal issues. The technology-inspired handbook is intended to reach out to the "Obama generation," a group of young individuals who have been moved by Obama's "yes we can" campaign.

"The election of President Obama really galvanized a lot of young people to get involved. His message of change really rang home with a lot of the younger demographic," Kalathil said.

While the book references President Obama's speeches, readers don't have to be an Obama fan to enjoy the book, Kalathil said, since the writers discuss universal issues. Bolton-Klinger says he hopes the message of making a difference reaches a wide spectrum of people.

She describes the book as one to be enjoyed by an entire family, in a similar way to how they enjoy activities like board games.

"When you look at like a Parker Brothers game and they say ages 2+...we want it to be like that. Like a mom could read it to a four-year-old and the four-year-old would ask his mom to take him to adopt a pet," he said.

Regardless of age, geographic location or political party, the beauty of the book is that it applies to everyone, Kalathil said. Students at Cal Poly are lucky to be at such an amazing university with different resources available to them. However, even students who don't go to universities like Cal Poly will be able to pick up the book and get involved in whatever organization hits home with them with a click of the mouse, he said.

"That's one of the takeaway messages: If you want to get involved, you can," Kalathil said.

Born and raised in San Luis Obispo until his early years of college, Kalathil has a fairly large local following on the "Generation Change" Facebook fan page that he and Bolton-Klinger created. Lori Matthew Hauge, a Canada mother of two, went to school with Kalathil from middle school until college. She's looking forward to reading Kalathil's first publication.

"I am guessing it will be a good read given that Jayan is partially responsible," Hauge said. "I really only have a desire to read the book because of my long lasting friendship with Jayan."

The book was released Nov. 1 by Skyhorse Publishing.
Monks attended by students and visitors. Of the mandalas will be very well dentists. IASl) program coordinator, said she expects the creation of the mandalas to be a very special event for students.

"It's about providing unique entertainment, innovative thinking," she said. "That's what we're much more reaching than just a party event to students."

In addition to the sand mandalas, the monks will also be performing their Sacred Music Sacred Dance program. The two-hour show is comprised of 11 selections, which will take place at 7 p.m. on Thursday, Nov. 5, at the Christopher Cohen Center of the Cal Poly Performing Arts Center. Tickets range from $20 to $31 for students and from $20 to $38 for adults. More than half of the nearly 600 seats in the theatre were sold.

Ellen Creager (CSM '08)

What would you do if someone handed you $8,500 and told you to go on a trip around the world? Gabrielle Kleber, 21, of Clarkston, Mich., got that chance. The Michigan State University junior spent three months this summer in Hawaii, Australia, the Maldives, South Africa, England, Wales and Iceland, circumnavigating western equator. She wasn't part of a study abroad program. In fact, she went completely alone. She didn't spend her time in crowded luxury cities. She went to out-of-the-way beaches, often staying with local people she contacted ahead of time or happened to meet. Kleber was a one-woman research project, analyzing and measuring trash on the beaches of the world. And she came back a changed person, not just because of her research, which will help her as a chemical/environmental scientist, but because of the experience of traveling alone, finding her way as she went, dealing with the complex logistics of the venture.

"What she's done is exactly what we hoped," says John Carroll, president of the Michigan Circumnavigator Club, whose members chose Kleber from 20 candidates for the prize. "Things like this do change people's lives."

The Circumnavigator Club is made up of people who have traveled around the world at least once. You don't have to have done it all in one trip, but you need to have traveled around the world, such as Male, the crowded capital of the Maldives, and Goofy Eyeland, an island off the north coast of Australia. Tall and blonde, Kleber attracted attention from local people wherever she went. They couldn't figure out the Maldivians why she was gathering trash on the beach, then recording and weighing it all before taking it to a dump.

"Some people thought I was for the government. Some thought I was lost. One woman thought I was crazy," she said.

Because she once did an internship sponsored by the United Nations, her boss in Wales kept introducing her as "Gabby from the United Nations." She ate local food, even sea urchin, and camped a lot. She went saws diving and snorkeling. Although she knew that an estimated 100,000 tons of trash are in the oceans, she was astonished at the story beaches told. The trash included shoes, a rifle, plastic bits, water bottles, a Barbie doll, a couch and more.

Mostly, she was astonished at how much she matured, even though she had done several study-abroad experiences before.

"I felt like the trash ambassador," Kleber says. "When you travel alone, you really grow."

"Adéle the Oceanographer"

A n d t hat, the C i r c u m n a vi g a t o r's C l u b i s u n d e r s t o o d to, it really was the whole point. To learn more about club membership or student grants, contact one of 11 US chapters through the Web site www.circumnavigators.org.
Utilizing the old Powerhouse as a sustainability center at Cal Poly

Sustainability-minded

As with most institutions, sustainability at Cal Poly is a phenomenon that has made headway in large part through grassroots organizers. It is a movement that often begins with a new way of doing an old task; this is, to change the status quo while upholding environmental, economic and social implications to the highest standards. Up until this point, the sphere of sustainability has but barely crept into our minds as a subset of related fields of study, whether in the design of our buildings, the management of energy or even the planning of research. This being said, the next logical progression towards developing sustainability ideas, projects, events, initiatives and research is in the form of a centralized gathering place, a sustainability center.

The history of Powerhouse

For the past several years, students of EDES 410, an environmental design independent study course, have attempted to develop a sustainability center on campus. The building of choice is called Powerhouse, a 100-year-old building that sits at the corner of S Perimeter Road and Costa Avenue that once powered the majority of the Cal Poly campus and has been recently added to the National Historic Registry. The Powerhouse is the perfect building for Cal Poly as its’ history and is located on the edge of an urban retreat that is sure to become one of the most vibrant places on campus.

So where does the project stand now?

The Powerhouse is currently owned by the College of Architecture and Environmental Design (CAED). The potential for redeveloping the Powerhouse came with the heightening interest in the EDES 410 project in 2007, and has since fallen by the wayside. During the course of the student project, an estimator valued the property at roughly $4.5 million dollars, a substantial amount of money for a relatively small structure. In May of 2007, Cal Poly entered the Powerhouse renovation project into the California Cultural and Historical Endowment competition, which if selected, would have received $700,000. Cal Poly won 2nd place, and therefore did not receive funding; meaning that many of the matching funds that private donors initially agreed to put forth were pulled from the project. Since this content, the Powerhouse has not made any significant advances towards rehabilitation of kind. This is where we, as students, come into the picture.

Let’s call it Powerhouse

Imagine a place on campus that fosters creativity, endorses innovation and promotes outside-the-box thinking. I see this ‘place’ as an open campus, but not directly correlated to sustainability. A sustainability hub would further accommodate a place to network with colleagues, research emerging technologies and envision new methods for devising sustainability at Cal Poly. If you share this vision with me, then I need your help: Developing a sustainability center on campus can be made a reality. All that is needed is the backing from students, committed faculty and support from administration. Let’s join forces and get involved.

writers: John Michael Hanchett and Pietro Ticona

LETTERS TO THE EDITOR

From the most recent studies done by the Institutional Planning and Analysis Committee on Cal Poly’s drop out rates which can be found here: http://www.calpoly.edu/units/publications.htm, I found some concerning facts.

In 2001, do you know how many Aerospace Engineering students graduated within the recommended four years? Just 63 percent.

Now, enter the requirements for new students getting more and more difficult, and the number of students enrolled full-time growing and the budget causing more and more problems, they are now telling the incoming freshman that they must graduate in 4.25 years.

The poor new freshman aren’t the only ones that should be afraid. Everyone who attends Cal Poly enrolled in the Colleges of Architecture and Environmental Design and Engineering should be on edge. Why? Because the Business and Liberal Arts students don’t have it too bad, most of them (around 80 percent) make it out by at least six years. Of the Architecture and Engineering students, under 60 percent graduate within six years. And this is based on a 2006 IPA study for Cal Poly: "First-Time Freshman Graduation, Retention, and Attrition Analysis." So what is the one out of my 20 peers to graduate in four years? Will I be one out of five peers to graduate in five years? Or will I be the one out of two people from my major who will, after six years, still have not graduated or dropped completely out of Cal Poly?

Arly Davies
aerospace engineering junior
Quarterback

continued from page 12

Everyone's Favorite Quarterback

Speaking of Favreboi II ... Ok, we get it Brett. You're the best. We got it. The Packers should have never traded you. You could still be quarterbacking for them. We completely understand.

Now that you've proved that point and won't be seeing them again this year, can you please revert back to the borderline average quarterback you'd become over the past few years?

Seriously, this 'feel-good' story doesn't leave me feeling very good. Now, I'm a Chicago Bears fan, so my hatred of both Green Bay and Minnesota runs deep, but I couldn't help feeling just a little bit sorry for Aaron Rodgers as he was getting pummeled towards the end of that game on Sunday.

He was doing his best Favre impersonation even. He'd take a huge hit from someone, get up limping and then continue to play before taking another huge shot. He even threw some terrible balls into double coverage just like Favre. Then he'd take a hit and stay down for a minute, then get up and come out for the next series.

Does anyone even doubt after all this that Favre played that year in New York just so he could get to Minnesota and do exactly this for the Vikings? Well, hate off to you Brett, you win my vindictive ex-employee of the century award.

Find out what our reporters & editors are thinking
Blue-green Rivalry: Cal Poly vs. UC Santa Barbara

Will Taylor

Senior forward Daniel Esumback advantage is set.

The Blue-Green Rivalry, as it’s been deemed, often draws record-setting crowds. Last year in a televised matchup, it took two overtimes before the Gauchos defeated the Mustangs 1-0 in front of a sold-out crowd of 11,075. The game featured tortilla Frisbees and even a bottle thrown at the Gauchos goalkeeper.

This year at Harder Stadium in Santa Barbara there were 5,842 fans attending but they were no less rowdy. Tortillas bearing derogatory messages in permanent marker flew from the Santa Barbara fans onto the field hitting Cal Poly fans, players and the referees.

Senior forward Daniel Cumming said he enjoys the crowd and the energy they bring.

“I want people to come out in the thousands, the more the merrier,” he said. “More adrenaline kicks in as more people watch you. You just want to put on a good show.”

The Gauchos are currently ranked first in the Big West Conference while the Mustangs are second after a 2.5 loss to UC Davis (6-12-1, 3-4-1) on Saturday. Prior to the match the Mustangs tied with the Gauchos for the Big West title.

The Mustangs fourth-year head coach Paul Holocher said the team had an off game at Davis but that they’re trying to put it behind them.

The team has specifically been focusing both on its combination play (passing and team work) and in defense, Holocher said.

“It came out flat against Davis,” he said. “We didn’t have the level of concentration we needed. But you can’t concentrate on the what-if, you have to focus on what’s ahead.”

The Gauchos are a physical, aggressive and athletic team that needs to be limited in the time they have the ball, Holocher said.

“We’ve been talking a lot about pressuring the ball,” Cumming said. “Right when we lose it we try to get it back. When we have the ball, we just worry about what we have to do, not what they’re doing.”

Wake-up calls

Scott Silvey
ON THE NATIONAL FOOTBALL LEAGUE

There are two kinds of wakeup calls in life. A good wakeup call occurs when you hit rock bottom — say, losing to the Oakland Raiders — before you realize that you’ve made some mistakes and start responding to adversity.

The Philadelphia Eagles did just that on Sunday, pounding the New York Giants into pudding. The game was over by halftime when the Eagles led 30-7.

Now, it might just be my Cal Poly bias, but Eli Manning looks like he could use a certain 6-foot-6 receiver out there. The Giants were one of the worst red zone teams in the league last year. This year they’re even worse at 28th and despite throwing the ball to six or seven receivers, former Mustangs receiver Ramses Barden has yet to receive a single touchdown.

While the Eagles responded to their wakeup call of a few weeks ago, the Denver Broncos just received another of the negative variety.

Sometimes when you’re riding high nothing can go wrong. You’re invincible, on top of the world — and then reality brings you crashing down. You get a wakeup call that convinces you that you’re not the amazing team you thought you were.

But aside from the people drinking the Broncos Kool-Aid and the team itself, did anyone actually think this Denver team would go into Baltimore and leave with a win?

I think Kyle Orton averaged 0.01 yards per pass attempt in the game. At some point, that conservative play-calling isn’t going to work — like when you’re down by 20 points.

Still, we’re halfway through the season and Orton’s only interception is to Randy Moss. And I’ll give him some leeway on that, because he probably traded for Moss in Madden 10 (doesn’t everyone?) and thought he was at home playing Xbox 360 momentarily.

NFL chickens out versus World Series

Was anyone else annoyed when they flipped to NBC for the Sunday night game and realized it was cancelled because they didn’t want to compete against the World Series?

I certainly was. Look, I enjoy baseball, especially during the postseason, but can I make up my own mind on what I watch?

Sunday night football is like an American tradition. It’s like having turkey for dinner on Thanksgiving — you just do it, even if you can’t stand turkey. And you continue to stuff down that turkey regardless of how bloated you get.

Just like I watch the Sunday night games every week, regardless of what two potentially terrible teams play and I watch it at the bitter end.

So if it’s a Sunday night in November, chances are, I’m watching a football game. Instead, I was forced to watch what luckily turned out to be a great baseball game.

Even the notoriously fussy NHL pucked out and didn’t play in the evening. Sadly I think I’m the only one west of the Mississippi who still watches hockey anyway, so I guess that San Jose tilt with Carolina didn’t drop much in the ratings.

In the Eagles’ loss to the Oakland Raiders, quarterback Donovan McNabb completed under 50 percent of his throws with no scores. In the following two weeks he completed 67 percent of his passes with four scores.

Next Week: What did you miss? I shall find out really quick where the hearts of American fans lie.

see Quarterback, page 11