Cal Poly student remembered

Jennifer Gongaware

Jeff Bruckner should not be remembered as the student who kicked of Bishop Peak and died last Tuesday, but as a "fun-loving, outgoing" guy, his family and friends said. He met Liandes while both were members of the Sigma Nu fraternity. Bruckner died the last Tuesday after falling from a ledge while hiking on Bishop Peak with two friends.

"Friendly, easy-going and fun to be with," said Bruckner's roommate Justin Liandes, a civil engineering senior. "I haven't been one of his closest friends between us." Liandes said. "But I was definitely friends with him. I am going to his funeral tomorrow in Ventura."

Last Friday, friend Travis Holland organized a memorial of a white, wooden cross and multiple pictures of Bruckner at the foot of Bishop Peak on Foothill Boulevard, according to the Tribune. Family and other friends arrived to pay tribute. Travis Holland could not be reached for comment. According to Alexander Smith, eminent historian and a member of Sigma Nu, the fraternity will send their condolences through a package to Bruckner's family and the death will be a topic in their upcoming meeting.

Bruckner was interested in computers growing up in Ventura and graduating from Buena High School, according to the Tribune. He then became a computer science major at Cal Poly. As a senior, he planned to graduate in 2006. Although a death is never a good thing, Bruckner died while doing what he loved, hiking and enjoying the outdoors.

"Jeff was really passionate about outdoor activities," said Liandes. "It created a bond between us."

Cal Poly Daily 2005
Shortage continued from page 1

teaching due to the projected salary.

"The most common reasons that people want to become teachers is because of the good benefits, the time off, and the job is emotionally rewarding, but it's never about the money," liberal studies senior Christy Boyd said.

The shortage of teachers is not severe in San Luis Obispo due to the declining enrollment in the area. With high real estate values, the city is less prone to attract young families that feed the enrollment of the community's schools.

"Shortage has more to do with the region than the local," Brown said.

Urban areas have growing enrollment and have a greater need for teachers. Middle and high schools are impacted most by the teaching shortage.

Gov. Arnold Schwarzenegger is proposing $3 billion in funding and programs that would advance more truth and science teachers for middle schools and high schools.

Math and science are in high demand for these grade levels. Since San Luis Obispo County has a sufficient amount of teachers for its schools and its enrollment of students, Cal Poly has tried to make partnerships with schools that have such growing enrollments. Recently, the College of Education has developed programs to send student teachers to schools in the Bay Area and Los Angeles.

There are currently about 400 liberal studies majors. Each year about 120 student graduates with a teaching credential.

Graduates of the program are surveyed yearly. The results indicate that 90 percent of graduates stay with their jobs as teachers.

Merriam continued from page 1

without 60 years. His educational, scholarship and philanthropic programs assisted undeveloped nations with irrigation and water management needs. He has worked in Sri Lanka, India, Pakistan, Egypt and China. His work with irrigation technology holds two patents.

Merriam has personally helped others in their own need. He has established endowments, scholarships and awards through ASAE, Cal Poly and other organizations with interests in soil or water issues.

Merriam's other awards include Conservationist of the Year from the Soil Conservation Society of America, Man of the Year from the California Irrigation Institute and Kishida International award from the ASAE.

"I'm very pleased to have the rating and the recognition for the work I've done for so many years," said Merriam, who is 85 years old. "I taught a lot of classes over there during the 20-year period I taught at Cal Poly. Hydrology and hydraulics, irrigation classes, soil conservation to be specific.

Merriam retired in 1978 and still lives in San Luis Obispo. He was unable to travel to Florida to receive the plaque and award for becoming a fellow, however, a representative from Cal Poly's BRAE department received the award in his absence.

Decoys continued from page 1

old decoy, only the Laguna Lake Shell sold cigarettes to the minor. This was Laguna Lake Shell's third offense in just one year.

Overall, underage smoking is declining in California. Approximately 15 percent of 11th grade students are abusing cigarettes, down from a rate of 21 percent in 1999, according to the California Department of Education Healthy Kids Survey.

Every day, almost 4,000 underage Americans try their first cigarette. Approximately 6.4 million of these children, who are living today, will die prematurely because of their decision to smoke tobacco, according to the Department of Health and Human Services.

Aside from the compliance checks, health education specialists with the county Tobacco Control Program also offer merchant education and training and on-campus tobacco education classes.

What I Did This Summer...

Pint Night

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We Deliver!
Troops clear Gaza Strip

NEVE DEKALIM, Gaza Strip (AP) — Israeli troops dragged sobbing Jewish settlers out of homes, synagogues and even a nursery school Wednesday and hauled them onto buses in a massive evacuation, fulfilling Prime Minister Ariel Sharon's promise to withdraw from the Gaza Strip after a 36-year occupation.

In the West Bank, an Israeli settler grabbed a gun from a security guard in the Shilo settlement and started shooting Palestinians, killing three and wounding two before being arrested. The killings aroused fears of Palestinian retaliation and the disruption of the evacuation mission.

Sharon condemned the shootings as acts of "Jewish terror" aimed at stopping the pullout. He said the violence was "aimed against innocent Palestinians, out of twisted thinking, aimed at stopping the disengagement."

Later, Palestinians fired a mortar shell toward the Morag settlement, but no injuries were reported. The settlement is situated near the Gaza Strip, where settlers linked arms in a mass protest to protect the military's actions.

Sharon said the images of settlers being removed from their homes while being loaded onto buses, "I don't want to be coming to terms with the withdrawal." but he said the military had an interest in seeing the withdrawal proceed.

A woman opposed to the pullout was stopped at an army roadblock in the Shilo settlement and started shooting Palestinians, out of twisted thinking, aimed at stopping the disengagement."

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Piracy not a problem at Poly

Starting this academic year, UCS and CSUs can provide downloading services to students — Cal Poly is not one of them

Mariecara Mendoza

MUSICIAN DAIIY

From Metallica to Britney Spears, artists view file sharing services as the enemy. But now rock stars and pop divas have more than 600,000 fewer people to worry about.

Over the last two months, the University of California completed a deal with a few vendors to begin providing legal downloading services for 13 UC and 23 CSU campuses.

"We selected four vendors, which are available to campuses that want to provide an online entertainment program," said David Walker, director of advanced technology at the University of California.

However, that does not mean all UC or CSU schools will automatically provide the service.

"The UC system signed a contract, and by default the CSU system has access," said Mary Schaffer, Cal Poly's policy assurance officer. "But right now, we're looking at other options."

Of course, if Cal Poly chooses to, Walker said, UCs and CSUs have the choice of CDigix, Napster, Mindawn and Sony Connect.

"We kind of see them as complementary to each other," Walker said.

CDigix provides music and video downloading services for a monthly charge. Napster, which has the broadest mainstream music source, also provides a subscription, but only offers music.

Mindawn, on the other hand, does not represent "big labels" and offers a more "alternative" music option, Walker said. It is also set-up much like iTunes when users pay per download.

Another element that may interest students, he added, is that Mindawn allows people — for a $50 fee — to sell their own music through its service. Under the current contract, however, universities can waive the $50 to their students can take advantage of the feature.

"That would be a good incentive for student musicians," said Rob Ramirez, 20, electrical engineering junior. "I think it's about time."

Sony Connect, which is currently unavailable but is slated to be among the four vendors offering services to the UC and CSU systems, "has the broadest vision," Walker said.

"When it's up and running, Sony Connect will offer both music and video."

Despite the options, Andrew Lagruff, an agricultural business senior, is still cynical.

"I think it's stupid. I've used Rhapsody and a friend of mine has Napster — there's so much that's not on them," Lagruff said.

He added, however, that he could see some students benefiting from the deal.

"I'm sure there are a lot of people that would enjoy it... and I think it would curb illegal downloading," Lagruff said, "but I probably wouldn't use it for myself."

Cal Poly History professor Lewis Call, who teaches the History of Network Technology class that discusses file sharing, agrees Cal Poly shouldn't jump on the concept, but for a different reason.

For one, he said, the meaning of "piracy" can sometimes be lost in translation.

"(Piracy) is used by the recording industry to convey the impression that file sharing is strictly illegal," he said, adding that one could argue non-commercial file sharing is legal.

"Traditionally, music fans have had the right to make copies of songs and trade them with other fans, as long as they don't charge money for the music," he said.

"Cal added fans of the Grateful Dead "did this extensively," and said the Audio Home Recording Act of 1992 protected this form of file sharing.

"It is only in recent years that the content industry has proposed a radical new model of intellectual property," he said.

With that said, Call does not believe Cal Poly should provide this service.

"By doing so, they are basically accepting the recording industry's view of intellectual property (which is) that all peer-to-peer file sharing is illegal and immoral — I don't agree," he said. "I believe that university administrators have accepted the arguments of recording industry executives, without considering the other side of the debate."

But Schaffer emphasized that Cal Poly is in no hurry to join in on the services.

"None of our students have ever been sued for copyright infringement, so it's not an issue for us," he said.

Cal Poly received 70 complaints of illegal downloading filed by companies or individuals in accordance with the Digital Millennium Copyright Act of 1998 in January and February of 2003 alone, Schaffer said. At that point, Cal Poly began using Traffic Shaping software that limits a network's bandwidth.

"Peer-to-peer file sharing can be used, but this software makes it less attractive for students to illegally download because it makes it harder for them to do it," he said, adding that the main goal was to free up bandwidth for students using the Internet for academic reasons.

Since implementing the software in spring 2003, Schaffer said Cal Poly has seen a significant decrease in illegal downloading. During the 2004-05 academic year, Schaffer said, Cal Poly had 25 complaints of illegal downloading.

"That's why we're not sure this is something we really need to offer on campus," Schaffer said. "At this point we're trying to take a wait-and-see attitude until we can review and see if this is something the university is interested in."

Walker said, however, there wasn't an urgent reason for providing the service.

"It wasn't so much that we saw a horrible problem. We just wanted to provide legal options," he said. "Being in the state of California where the entertainment industry is such a big part of the economy, we have a responsibility to encourage the legal practice of downloading."

As the agreement stands, universities are not required to pay for the services, Walker said. Instead, it would be an optional, opt-in type of service for students. He also added some schools are looking into the idea of covering the fee for the service.

"In a dorm complex, they might want to provide this just like they provide cable TV," he said.

Olga Apolinarska, an architecture junior who used to live in Sierra Vista last year, said such services would have been a great feature.

"Maybe more people would consider living on campus," Apolinarska said.

Through Walker said service prices vary, he added a certain it will cost "just a few dollars."

"It depends on exactly how the campus signs up and the services the students want," he said.

According to Walker, UC Berkeley is the only campus currently offering downloading services to its students. Last fall, the university began offering a service through Real Rhapsody.
Mixed opinions: Does saving daylight really equal saving energy?

Maricar Mendoza
MUSTANG DAILY

Starting as early as this year, Americans may have to come up with another clever phrase to remember when and how to set their clocks for daylight saving time. On Aug. 8, President George W. Bush signed a bill extending daylight saving-time by a month, starting three weeks earlier and ending one week later. Currently, daylight saving begins the first Sunday of April at 2 a.m. and ends on the last Sunday of October at 2 a.m. With this change, we'd have to change our clocks the second Sunday in March and the first Sunday in November.

The bill was supported by U.S. Rep. Ed Markey of Massachusetts and U.S. Rep. Fred Upton of Michigan in hopes of aiding efforts to conserve energy. According to Canada's CBC News, "Congress believes the extension would trim energy costs by cutting the need for artificial light in the evenings."

"The more daylight we have, the less electricity we use," Markay said in a report by the Chicago-Sun Times.

Further, the Congressmen argue that the daylight extension will result in a decrease in crime and traffic fatalities while creating an increase in economic activity — results they inferred from studies made in the 1970s, said Massachusetts' Metro West Daily News.

The Monterey County Herald said, "With the time change and 'more' daylight, people don't stay inside and use electricity as much. They are more likely to be outdoors, taking advantage of the light, so perhaps there is some energy savings as a result."

Among the arguments against the extension is one made by the International Association of Fire Chiefs. The group is concerned it will affect its current efforts to promote maintenance for smoke and carbon monoxide detectors.

According to the Chicago-Sun Times, the group has "framed a widespread public information campaign around daylight-saving time, reminding people to change the batteries in their smoke and carbon monoxide detectors when they change their clocks. The last weekend in November is too late for the reminder, fire officials say."

Techies all over the nation are also a little high-wired about the bill. According to The Boston Globe, "the upcoming transition evokes memories of Y2K." On a computer science article that said, "The problem is that most consumer electronics rely on the daylight saving schedule that gone unchanged since 1987," which means with the new consumer extension will have to tweak its product to ensure your cell phone, your laptop, your smoke and carbon monitors do not lose their function.

For instance, Tivo will have to break in product to ensure your Tivo records the correct show at the right time or that you may have to override its built-in calendar. The Blogcritic.org article also features Reid Sullivan, vice president of Panasonic Consumer Electronics Co., who said the extension will "add a little bit of complexity to consumers... (where) they may have to manually increase and decrease the time."

This means your cell phone, your DVD player, computer... the list goes on.

But more importantly, some argue the new time will pose a safety risk for students.

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Chicago-Sun Times"

Mixed opinions: Does saving daylight really equal saving energy?

Christophen Gunn
MUSTANG DAILY

According to a Gibson Consulting 2004 statistic, the United States consumes enough oil in one day to cover a football field with a column of oil 2,500 feet high, which is equivalent to 121 million cubic feet of oil or 21.9 million barrels.

In layman's terms, the United States is dependent on oil. Forty percent of the energy Americans use today is derived from oil, according to Gibson Consulting. In addition, we use oil to create lubricants, plastics and other synthetic materials for everyday life.

The problem is that oil, however useful and versatile, is also finite and leaves a devastating fingerprint on the environment.

One would only need to look in the direction of Los Angeles to notice the bulbous cloud of smog that engulfs and suffocates the city's population.

This image is enough to make one realize that despite the fact cars are becoming more fuel efficient and releasing less toxins, they are still polluting.

The fuel can be created by any one in his or her own home and can be used with any diesel engine. This means that bio-diesel does not require an engine conversion.

Bio-diesel also reduces vehicular emissions of carbon monoxide by 50 percent and carbon dioxide by 78.45 percent if the United States began a partial conversion to bio-diesel, according to Gibson Consulting.

Our environment is beautiful, vast, diverse, intriguing, sustaining life... but even such vastness is not enough to hold up the continued consumption of oil as a fuel.

Our responsibility to protect it by changing the status quo. Help make our world a better place.

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Christopher Gunn
MUSTANG DAILY

Mixed opinions: Does saving daylight really equal saving energy?
Mickelson said, "I look at some great players from the past that didn't start winning big tournaments until their mid-30s. I want to try to get better and stay better as my career goes on."

Ben Hogan won eight of his nine U.S. Opens after age 35, as did Sam Snead, who won six of his seven majors at 35 or older. Nicklaus won his 18 majors over 25 seasons, with the last six of his seven majors at 35 or older. Since winning the 2010 U.S. Open, Woods, who remains in a class by himself, has come in a U.S. Open.

Even so, Mickelson set himself apart from other rivals to Tiger Woods by winning the 2010 Masters, and it appeared he might take a shine to himself to become the heir to Tiger, who remains in a class by himself.

"He's going to go on now and consider the majors with another one," Thomas Bjorn said. "I think he'll go on and continue to win big events."

The next major isn't for another seven months. Mickelson said, this time with a grin, "I just want to relish this, and enjoy the fact that for the next seven months, I'm the most recent major winner."

Wells, Lefty, can start entertaining thoughts of a career Grand Slam, the ultimate measure of greatness.

Els (U.S. Open, British Open) and Singh (Masters, PGA) already are halfway there, each capable at the majors they have not won. Dino for Mickelson, especially since Bubba was set up like a U.S. Open, and his two runner-up finishes at majors have come in a U.S. Open.

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Mickelson got off to a slow start, but he has some catching up to do.

"At 35, I've got a number of years left - good years left - where my game can improve," he said. "I've got a number of years left. And I've got a number of years until his season ends without a major, he's decided to have seven months for his next chance.

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Wells, Lefty, can start entertainment
FOOTBALL BEGINNINGS

With fall approaching and lofty expectations for the up-and-coming season, the Mustangs took to the practice field last Wednesday hoping to set a standard for the rest of the season.

Karen Velie
MUSTANG DAILY

After a long summer break, football season is finally back. The Mustangs took to the field, behind Mott Gym, on Aug. 11 for an impromptu first official practice.

The players, who wore black shorts and helmets, but no pads, went through an array of non-contact agility drills. NCAA rules prohibit the wearing of pads during the first two days of practice.

"It's our first practice," Mustang coach Rich Ellerson said. "It's not how you start the race but how you finish." Coaches reintroduced practice routines, drills and Mustang lingo to 23 new comers and around 65 seasoned players.

"When we play football our opinions of the incoming players will change. Some we are excited about will not follow through, others we will say 'wow'." Ellerson added that Beck ended up being 'arguably the best player in Cal Poly history.'

"We are excited about a Central Coast presence (new recruits)," Ellerson said. "We are getting Danny Rohr and Tom Pace from Arroyo Grande and Ryan Storwold from Dos Pueblos." Players donned full pads for the first time on Aug. 15. On Aug. 26, the team will play in a mock game at Mustang Stadium.

"We need to bond together, identify what we stand for and help the newcomers adjust," wide receiver Jonah Russell said. "I believe something special is going to happen this season."

The 2005 season opener will be on Sept. 3 at Tico. The kickoff for the season home opener against Sacramento State will be at 6 p.m. on Sept. 10.

"It's our first practice. It's not how you start the race but how you finish it."

Rich Ellerson
Football head coach

The Mustangs hope that the depth of their returning starters will lead them to a NCAA playoff berth and a chance to place Cal Poly football on the map.

"We need to spend time on bonding as a team," strong safety Aaron Williams said. "If you care about the guy next to you, more time is spent winning for him."

The Mustangs posted an impressive 9-2 record and won the inaugural Great West Football Conference Championship during the 2004 season, though their efforts were not enough to earn the team its first NCAA Division I-AA playoff berth. The Mustangs are looking forward to securing a berth this season.

"I look forward to the crowds and singing," defensive end Chris Gocog said. "Every time we win we sing our fighting song, 'Ride High You Mustangs.'"

Mickelson has majors on the horizon

Doug Ferguson
GOLF WRITER

SPRINGFIELD, N.J. (AP) — Phil Mickelson was in no hurry to leave Baltusrol, not that he had a choice.

Two hours after he won the PGA Championship with a birdie on the 66th day and final hole, he found himself squeezed in every direction by nearly 100 fans who gathered around for autographs, creating a large circle of humanity that slowly moved toward the parking lot.

It has been that way for years. Winning doesn't change the way fans feel about them beloved Lefty. But among his peers, the perception of Mickelson as a major force changed significantly.

His one-shot victory in the PGA Championship allowed him to break away from an underachieving class of players who finally won their first major and never captured another. And he joined an elite group of see PGA, page 7