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OREGON STATE UNIVERSITYThe Daily
Barometer

Sequencing the beaver

CHERYL REYNOLDS | WORTH A DAM

OSU researchers rely on crowdfunding to finance genome mapping of school mascot

By **Makennah Hines**
News Contributor

For the last five years, universities around the country have used crowdfunding to raise money for mapping the genes of their mascot, including The University of California and Penn State, among others.

Oregon State University now joins the craze in hopes of discovering every detail of the beloved beaver's genetic material. OSU's rival, University of Oregon, is too late to join in our genome-mapping endeavour. The completed duck genome was released in 2013 through an article that was published by universities in China and Scotland.

Researchers Brett Tyler, Steven Ramsey, Brent Kronmiller, and many others are eager to take on the responsibility of discovering all things beaver.

"All of our genetic information is in our DNA, my job here is to advance genome mapping and provide intellectual support. I've had a lot of experience with genome mapping, so I have a good idea of what needs to be done and how to go about it," said Tyler, Director of the OSU Center for Genome Research and Biocomputing (CGRB).

Brent Kronmiller, the Bioinformatics Analyst at the CGRB, was excited to see what their equipment is capable of.

"It's a great way for Oregon and OSU to promote what our genome processor can do, and to further the biology of one of Oregon's most popular animals," Kronmiller said.

Kronmiller went on to explain the process of genome mapping.

"We will take the blood of a beaver, put it through the genome processor, and we will identify the DNA. The sequence won't come out in order, it will come out sort of random, so we will then need to assemble it correctly, which is what my key role in this project is," Kronmiller said.

But the blood isn't coming from just any beaver.

"It is coming from Benny's cousin, Filbert, who resides at the Oregon Zoo. During his last well beaver check-up, he gave us blood," said Jeannine Cropley, assistant director of the CGRB.

Cropley has played a significant role in this process as the project manager of the procedure.

"Not being a science person, I think it's a great project that everyone can get behind, and plus, the beaver is a part of Oregon identity," Cropley said.

Kevin Ahern, the professor in the department of biochemistry and biophysics, was eager to promote the project. He did so by creating a song in collaboration with several undergraduate students and by participating in a video that explains what we can learn about Benny through this procedure.

According to Tyler, the team hopes to create an undergraduate class that will study the genome sequence.

"Genetic knowledge is really important, and we need it to learn about every aspect of the organism — the teeth, the feet, etc.," Ahern said.

Steven Ramsey, assistant professor in biomedical sciences and electrical engineering and computer science, believes in the value of having students work hands-on.

"I could stand up in class and give a powerpoint on genome sequencing, but students learn so much more by doing," he said. "It's a great opportunity to involve undergraduate and graduate students, and to showcase the capabilities of genome mapping."

Ramsey hopes that this project will aid in more than just students' learning.

"I was interested in hearing how the wildlife biologists involved are going to use this project to learn more about beavers in the wild," Ramsey said.

Although Tyler, Ramsey and Kronmiller play chief roles in the operation, the team behind the project is highly diverse; not all of the scientist are in the field of genome research and biocomputing.

According to Cropley, the team is made up of 32 people from various studies across the colleges.

But the team can still use all the help they can get, as the project is proving to be expensive.

"We are trying to raise 30 thousand dollars for this project," said Tyler.

To reach their goal, the project is asking for donations to be made by the public. By funding the project, participants are entered for a chance to have one of Benny's genes named after them, among many other possible gifts as a thank you for the donation.

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JUSTIN QUINN | THE BAROMETER ARCHIVES

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News



Get to know your student leaders

MUPC Director Jessica Hammock

By Julie Cooper
News Contributor

Jessica Hammock has a passion for aesthetics, and the beauty of the world is hers for the taking.

She loves strolling through the Memorial Union quad where the colors of the autumn leaves are most captivating, hiking the many trails of Corvallis, or taking a leisurely walk along the downtown waterfront.

After a long day of work or classes, she relaxes by creating paper crafts, looking at home magazines, or going to home stores.

As a senior at Oregon State majoring in interior design, Hammock has easily translated her passion to creating visual appeal in all she does.

Hammock's current position as the Memorial Union Program Council Director at OSU allows her to play to her strengths, helping to craft events that engage students and enhance their college experience.

As MUPC Director, Hammock provides direct support to her staff of event coordinators during MUPC's many large scale annual events, some of which include Battle of the

Bands, Dam Jam, as well as Moms, Dads and Family Weekends.

"I think some of my all-time favorite memories at OSU are on event days with MUPC," Hammock said. "It is so much fun. It's a mix of high stress, excitement—so many emotions pulled into one day."

Hammock operates under a large spectrum of responsibility. In addition to supporting the events of MUPC, her duties include doing all of the hiring for MUPC, organizing weekly staff meetings, planning promotional material and attending summer START sessions.

Hammock, ultimately, oversees the organization as a whole.

"It's a very broad job, and every day is a little different, which is kind of fun," Hammock said.

Hammock is in her third year as an employee of MUPC. In previous years, she worked on the Moms, Dads and Family Weekend committee, the Community Relations and Traditions committee, and now, she has made

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Psychologists face lawsuit, accused of 'criminal enterprise' with CIA over torture

By Marisa Taylor and Jonathan S. Landay
McClatchy Washington Bureau

WASHINGTON — Two former detainees and the family of a third who died in custody filed a lawsuit Tuesday against the American psychologists who designed the CIA's torture techniques, in the first legal action to rely on the Senate Intelligence Committee's investigation of the government's interrogation program.

The plaintiffs accused James Elmer Mitchell and John "Bruce" Jessen of torture, cruel and degrading punishment, war crimes and conducting an "experimental torture program" as part of a "joint criminal enterprise" with the nation's top intelligence agency.

The pair earned more than \$80 million for developing a set of brutal interrogation methods, including simulated drowning known as waterboarding, beatings, starvation and confinement in "coffin-like boxes," for supervising their use on detainees in secret overseas CIA prisons and for personally applying them to detainees, according to the suit.

"Mitchell and Jessen conspired with the CIA to torture these three men and many others," said Steven Watt, a senior staff attorney with the American Civil Liberties Union Human Rights Program. "They claimed that their program was scientifically based, safe and proven, when in fact it was none of those things. The program was unlawful and its methods barbaric."

The ACLU-led lawsuit was brought in U.S. District Court in Washington state — Jessen and Mitchell founded a firm in Spokane that the CIA contracted to run the program — and seeks unspecified monetary damages for each plaintiff. The two survivors still suffer serious psychological and physical problems as a result of the abuses they underwent, the lawsuit said.

The action was brought on behalf of Suleiman Abdullah Salim, a Tanzanian fisherman and trader who was abducted from Somalia, and Mohammad Ahmed Ben Soud, a former Libyan opposition activist who was seized in Pakistan. Neither was ever charged with a crime.

"This is the first attempt to bring some justice to the survivors of torture since the Senate's reports."

Steven Watt
Attorney

The third plaintiff is a relative of Gul Rahman, an Afghan who died in CIA custody in November 2002 from suspected hypothermia and other complications after being "slapped, punched and dragged naked, hooded and bound," doused in cold water and left in freezing temperatures. His family was never notified of his death and was never given his body.

A CIA spokesman declined to comment and Mitchell didn't return a telephone call. Jessen could not immediately be reached for comment.

The lawsuit represents a new approach to seeking accountability for the CIA's Rendition, Detention and Interrogation program. It is the first to rely extensively on the Senate Intelligence Committee's five-year, \$40 million investigation into the agency's top-secret effort to unearth terrorist plots after the Sept. 11, 2001, attacks.

"This is the first attempt to bring some justice to the survivors of torture since the Senate's report," Watt said in an interview. "The victims deserve an apology and some sort of accountability to help them recover from what they were put through."

The lawsuit also cited the CIA's official response to the Senate report, a 2004 declassified CIA inspector general's report and a review of the torture program by the Justice Department's Office of Professional Responsibility.

Previous suits filed by former detainees were brought against the CIA. All were

thrown out after the government cited official immunity and the state secrets privilege — a government claim that contends the disclosure of certain evidence would harm national security.

While the Senate report detailed the roles of CIA officers, Jessen and Mitchell may be the only key participants in the torture program held accountable if the plaintiffs prevail in their lawsuit.

Their participation in the program led the American Psychological Association to vote in August to ban psychologists from participating in national security interrogations.

The Senate report found that the program, authorized by former President George W. Bush, failed to generate any significant information on terrorist plots and that the CIA misrepresented the results of the brutal interrogation techniques to the Bush administration, Congress and the public.

Salim, Ben Soud and Rahman were among 39 people identified by name in the Senate report, which was released Dec. 9, 2014, as undergoing what the agency called enhanced interrogation techniques.

Mitchell, former Bush administration officials and the CIA rejected the committee's findings. They denied using torture, asserting that the interrogation methods were legal and produced information that helped disrupt terrorist attacks and led the agency to Osama bin Laden's hideout in Pakistan, where he

died in a May 2, 2011, U.S. special forces raid.

"I'm just a guy who got asked to do something for his country by people at the highest level of the government and I did the best that I could," Mitchell said in an April 2014 interview with Britain's The Guardian newspaper.

The two psychologists were involved with a U.S. military program that teaches service members how to evade capture and resist torture. They developed their methods for grilling detainees after the CIA asked them in December 2001 to review an al-Qaida document recovered by British police that outlined strategies for resisting interrogations.

The pair "proposed a pseudo-scientific theory of countering resistance that justified the use of torture," said the lawsuit, adding that they based their approach on studies in which dogs were induced into helplessness and passivity through "random and repeated electric shocks."

They first personally applied their techniques to Zayn al-Abidin Muhammad Husayn, a senior al-Qaida operative who used the nom de guerre Abu Zubaida and was captured in Pakistan in March 2002.

Mitchell and Jessen, who had no training or experience as interrogators, used the detainee's capture as an "opportunity to test (their) 'learned helplessness theory.'"

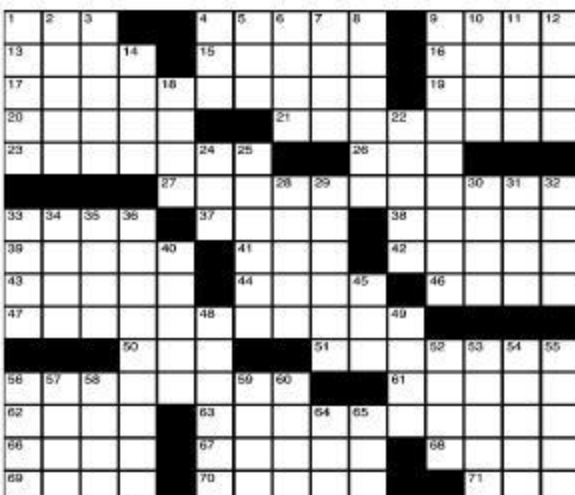
The lawsuit described in horrifying detail

See CIA, Page 6

Los Angeles Times Daily Crossword Puzzle

Edited by Rich Norris and Joyce Lewis

- ACROSS**
- 1 Volkswagen Type 1, familiarly
 - 4 Yemeni neighbor
 - 9 Old-timey oath
 - 13 1956 Gregory Peck role
 - 15 Add a lane to, say
 - 16 University of New Mexico athlete
 - 17 Irish city in a recession?
 - 19 Watched warily
 - 20 One with a stable job?
 - 21 Like dotted musical notes
 - 23 Cellphone accessories
 - 26 Body work, briefly
 - 27 Result of a Czech checkup?
 - 33 Catches some rays
 - 37 Home ec alternative
 - 38 Louisville's KFC Yum! Center, e.g.
 - 39 Dessert pancake
 - 41 Part of USDA: Abbr.
 - 42 Spirited diversions
 - 43 Febreze targets
 - 44 It's on the house
 - 46 Not as pricey
 - 47 North African dieter's light fare?
 - 50 Originally called
 - 51 Jackhammer sound
 - 56 Malady
 - 61 Thrill to pieces
 - 62 Bibliog. catchall
 - 63 South Korean sailors?
 - 66 Cartoon maker of explosive tennis balls
 - 67 Pile up
 - 68 Jib or mizzen
 - 69 Where to store hoses and hoses
 - 70 Tense with excitement
 - 71 Genetic material



By Dan Margolis

10/14/15

Tuesday's Puzzle Solved

J	D	S	N	B	A	E	R	S	O	F	A	R
E	A	T	A	R	I	S	E	P	I	E	C	E
T	Y	R	M	O	R	T	A	L	E	N	E	M
S	O	I	L	O	W	E	A	N	K	L	E	S
P	I	C	K	A	C	U	T	E				
F	A	T	A	L	E	R	R	O	R	D	A	N
A	Z	E	R	A	I	W	I	N	T	O	O	
U	T	A	R	U	T	A	L	E	E	I	N	A
N	E	S	K	N	O	T	P	U	M	P	S	
A	C	E	R	S	M	A	R	T	A	L	E	C
A	H	A	B	I	S	L	E	T				
M	O	S	D	E	F	S	G	T	E	O	N	S
I	N	S	I	D	E	S	T	O	R	Y	D	E
R	E	T	A	G	H	O	R	A	E	I	R	K
A	I	S	L	E	H	A	S	P	S	E	D	S

- 34 Pakistani language
- 35 Eye-catching sign
- 36 Rained gently
- 40 City on the Ruhr
- 45 Cosmetics-testing org.
- 48 Playground piece
- 49 Originate (from)
- 52 Wistful word
- 53 Golden Horde member
- 54 Ordered pizza, perhaps
- 55 Car named for a physicist
- 56 Wet septet
- 57 Scratching target
- 58 Attended the party
- 59 Big Mack
- 60 Fly like an eagle
- 64 "It's no ___!"
- 65 "Dropped" '60s drug

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David Hattner, guest conductor

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Forum

The doctor is in: Dr. Tech

By Jon Dorbolo
Dr. Tech

The Turning clicker system is currently a source of irritation to Oregon State University students and faculty alike. In this column I will consider what the problem is, what solutions are being pursued and what you can do to succeed with your clicker this term.

What are clickers?

In Fall 2015 approximately 12,000 students are using the Turning clicker system in 77 course sections. The Turning clicker system consists on the student side of a physical remote, ResponseWare iOS and Android apps, a web clicker for browsers at rwpoll.com and a licensed Turning Cloud account. On the instructor's side is a USB receiver and the TurningPoint software. What holds all of this together is the Turning License. Think of the license like the data plan for your smartphone. The phone will not work without a data plan and your clicker system will not fully work without a license. In fall 2015 the Beaver Store began selling the QT remote which replaces and costs the same as last year's NXT bundle.

Costs to students are contained by not raising them when the tools upgrade. The updated system works with the NXT so that students who own a clicker from previous years do not need to buy a QT. Costs to students are contained by designed backwards compatibility thus limiting new required purchases.

What is the problem with the clickers?

The problem with the clickers is that many students are having difficulty registering their system such that their name and the device ID are paired. This problem is due to several factors. One factor is the transition from Blackboard to Canvas which produced the need to connect accounts to both; the departure of Blackboard from OSU this term will simplify that matter.

Another factor is the existence of three ONID email address for each OSU member: @oregonstate.edu, @onid.oregonstate.edu, @onid.orst.edu.

Most of the student registration troubles that I encounter involve a combination of email logins for multiple Turning Cloud accounts. Add to these factors Turning's move to a cloud-based system with some design flaws and the variations proliferate faster than fruit-flies in a compost bin. 85 percent of OSU students in clicker-using courses this Fall are correctly registered so that their names and clicker device IDs are paired in Canvas.

Consequently, 15 percent of this term's students – about 2,000 people – are not completely registered as of week three.

Being completely registered means that you have a Turning Cloud account that is linked to Canvas and contains a redeemed license and a valid device ID. The most important point I have to convey is that the Turning clicker system saves your participation points 100 percent of the time.

I will not tolerate a system that loses the points of students who use it correctly.

Even if you are in a registration snarl, every time you use your clicker and get a check mark symbol, your responses are received and saved. The TAC plan is to get every student registered and then go course by course, file by file to retrieve and post every participation point for every student.

You have my word on that and if you feel that your participation points are not being properly credited, please come see me and we go after it with a passion. All of the instructors who use clickers are aware of these facts and co-operate fully in crediting the legitimate participation points of students.

You also have my humble apology for the confusion and irritation related to our clicker system.

See my blog at jondorbolo.com for the video of me being soaked with ice water in freezing weather as penance for this unfortunate situation.

What is being done to fix this problem?

I take responsibility for leading us to a clicker registration solution for future terms. I am working with Turning and Canvas to

Consequently, 15 percent of this term's students – about 2,000 people – are not completely registered as of week three.

guide development of a direct and logical integration between the two that supports a three-step registration process such as is common to many web applications. The critical objective is to eliminate false-positives so that students do not believe that they are correctly registered when they actually have incomplete accounts.

Basically I plan to banish incomplete clicker accounts to the bowels of Hades so that students get one of two outcomes: "that worked, congratulations" or "that did not work, go get help."

Verily I say unto you, this strategy will result in a 98 percent successful registration rate before the end of week two in a term.

Moreover I am seeking to normalize clicker ownership so that incoming students receive their fully registered clicker bundle at START in the summer.

I'd like to add unicorns and rainbows to this plan, but for the coming academic year a completely reliable and hassle-free clicker registration system will suffice.

What can I do to solve my clicker issues now?

Visit the TAC Clicker Registration Station in the lobby outside of Learning Innovation Center 100 from 10 a.m. to 2 p.m. Monday through Friday. Many students have more than one Turning account – often one linked

to Blackboard and another to Canvas.

I suggest that you check each of the ONID email addresses – @oregonstate.edu, @onid.oregonstate.edu, @onid.orst.edu – at the Turning Account login; go through Canvas to find it. Use the password retrieval to see if the account for that login exists and to determine whether you have a stealth account.

If you do have multiple accounts, check to see which one has a redeemed license and whether it is linked to Blackboard or Canvas.

Often the solution is to link Canvas to the licensed account by selecting the Turning link in Canvas and logging into Turning. If you reset your password the Canvas link is broken but you only need connect from within Canvas again and login to restore it.

In the Dashboard "http://oregonstate.turningtechnologies.com" shows a Canvas connection.

In the Dashboard "http://my.oregonstate.edu" displays a Blackboard connection.

If you are in any doubt, come see us at the Clicker Registration Station in the lobby outside of - 100 from 10 a.m. to 2 p.m. Monday through Friday or write to clickers@oregonstate.edu. My clicker crew colleagues and I agree that OSU students are among the most patient and civil people on the planet.

In tribute to your excellence we are holding a raffle with Turning Technologies support.

Prizes are Beaver Store gift certificates in denominations of ten \$10, five \$25, two \$50, and one \$100. Winners will be drawn from all OSU students with fully registered Turning clicker accounts and announced in a future Dr. Tech column. Please come to TAC's Clicker Station in the LINC first floor lobby Monday through Friday 10 a.m. to 2 p.m. for assistance and write to me with your thoughts on clickers and anything at all: drtech@oregonstate.edu.

forum@dailybarometer.com

The opinions expressed in Dr. Tech's columns do not necessarily represent those of the Daily Barometer staff.

Microaggressions hurt, moral mistreatment damages good people

By Regina Rini
Los Angeles Times

LOS ANGELES – If you live near a college campus or read anxious think pieces, you've probably heard about "microaggression." A microaggression is a relatively minor insult to a member of a marginalized group, perceived as damaging to that person's standing as a social equal. Examples listed on a blog called Oberlin Microaggressions include shopkeepers acting suspicious toward people of color, or someone saying to a Jewish student, "Since Hitler is dead, you don't have to worry about being killed by him anymore." A microaggression is not necessarily a deliberate insult, and any one instance might be an honest mistake. But over time a pattern of microaggression can cause macro harm by continuously reminding members of marginalized groups of their precarious position.

A recent paper by sociologists Bradley Campbell and Jason Manning claims that talk of microaggression signals the appearance of a new moral culture, a "culture of victimhood." In the paper, Campbell and Manning present a history of Western morality.

First there was a "culture of honor," which prized physical bravery. Insults demanded an aggressive reply. Picture two medieval knights glowering at each other, swords drawn.

Then the culture of honor was displaced by a "culture of dignity," in which individuals let minor insults slide and reported more serious offenses to impartial authorities. Picture a 1950s businessman telling the constable about a neighbor peering in windows.

Finally, there is an emerging "culture of victimhood," in which individuals publicly call attention to insults in the hope of rallying support from others and inducing the authorities to act. Picture a Latina student tweeting about her professor's racist comments.

There is a serious problem with Campbell and Manning's moral history, and exposing it helps us see that the culture of victimhood label is misleading. Their history is a history of the dominant moral culture: It describes the mores of those social groups with the greatest access to power. Think about the culture of honor and notice how limited it must have been. If you were a woman in medieval Europe, you were not expected or permitted

to respond to insults with aggression. Even if you were a lower-class man, you certainly would not have drawn your sword in response to an insult from a superior.

Now think about the culture of dignity, which Campbell and Manning claim "existed perhaps in its purest form among respectable people in the homogenous towns of mid-20th century America." Another thing that existed among the "respectable people" in those towns was approval of racial segregation; "homogenous towns" did not arise by accident.

People of color, women, gay people, immigrants: none could rely on the authorities to respond fairly to reports of mistreatment.

The cultures of honor and dignity left many types of people with no recognized way of responding to moral mistreatment. But they did not stay quiet. What they did instead was quietly call one another to witness. They offered mutual recognition amid injustices they could not overcome. And sometimes, when the circumstances were right, they made sure that their mistreatment would be widely seen by organizing sit-ins and hunger strikes.

The new culture of victimhood is not new, and it is not about vic-

timhood. It is a culture of solidarity, and it has always been with us, an underground moral culture of the disempowered. In the culture of solidarity, individuals who cannot enforce their honor or dignity instead make claim on recognition of their simple humanity. They publicize mistreatment not because they enjoy the status of victim but because they need the support of others to remain strong, and because public discomfort is the only possible route to redress.

Of course, until recently, marginalized people were reliant on word of mouth or the rare sympathetic journalist to document their suffering. Now they have social media. So we read on Twitter about dozens of offenses, some that seem incredibly small, even petty. It's probably a bad idea to obsess too much over the details of any one microaggression; there will be some honest mistakes. But over time, social media allows us to see the pattern as a whole.

Granted, there are some serious concerns with the microaggression reporting trend. In a recent cover story in the Atlantic, free-speech advocate Greg Lukianoff and psychologist Jonathan Haidt suggested that talk of microaggression corrodes public discourse; it encour-

ages accusations and counter-accusations rather than critical thinking.

This is a reasonable point, but their solution – that "students should also be taught how to live in a world full of potential offenses" – is not reasonable.

The world is not static; what is taught to students now will help create the culture of the future.

It is not an accident that popular support for marriage equality was achieved about 15 years after gay-straight alliances became commonplace in American high schools and colleges. Teaching students that they must accept racist and sexist abuse, even in micro units, is simply a recipe for allowing racist and sexist abuse to continue.

The culture of solidarity is ancient, but crowd-sourced documentation is only a few years old. We are still learning how to focus on the pattern rather than the instance, and how to delicately report an offense when blame is ambiguous. All of this will take time. There will be mistakes. But the goal is worth it: A culture in which no one is denied full moral recognition.

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A & E

“Steve Jobs” is a new kind of biopic, not entirely true say critics

By Steven Zeitchik
Los Angeles Times

LOS ANGELES — Early in the new movie “Steve Jobs,” the title character absorbs a verbal sting from fellow Apple co-founder Steve Wozniak, who accuses Jobs of being a glorified marketer.

“I read ‘Steve Jobs is a genius.’ What do you do?” Wozniak says to him angrily. The sight of one of the world’s most famous men taking a hit from his longtime partner is dramatic and electric. But it never happened.

Like many moments in the movie, the scene was invented by screenwriter Aaron Sorkin. Sorkin wished to paint a more roccoco portrait of the Apple pioneer. So he gleaned emotions and events from Walter Isaacson’s bestseller and imagined how they might have played out behind the scenes.

“Steve Jobs” doesn’t fall into the same genre as other fact-based films, Sorkin told The Times. “It’s not meant to be a dramatic re-creation of actual events.”

Instead, the movie is part of a new cinematic breed that has emerged in recent years, one that might be called the impressionistic biopic. And like other new forms, it raises both more creative possibilities and fresh ethical questions, in this case about the intersection of Hollywood and history.

The movie business has long embraced biographical films, with works such as “Pride of the Yankees” and “Patton” emerging from previous eras, and interest in famous people swelling in this one. Films including “The King’s Speech” (England’s King George VI), “Selma” (Martin Luther King Jr.), “The Imitation Game” (scientist Alan Turing) and “Lincoln” (the 16th president) have all been showered with awards and audience attention in the last few years.

But even though plenty of dialogue was invented for all of those movies, most presented themselves as straightforward, if glossy, accounts of their subjects’ lives. The new brand of biopic tries for something more inventive.

In a postmodern storytelling universe that has long left literalism behind — and in a Web climate that jumps on the slightest inaccuracy — these movies sidestep the issue of whether an event really happened. Accuracy is defined not as literal fact but spiritual truth; if a movie conveys the essence of a person, that is enough.

New films about Steve Jobs, jazz great Miles Davis and wire-walker Philippe Petit — and slightly older ones about musician Brian Wilson and the FBI’s infamous Abscam sting — implicitly offer themselves up as real without adhering to a strict version of reality.

But these films are the default way many Americans understand a subject and thus present a question: Are they a more creatively ambitious way to tell a story or simply a convenient excuse to falsify history?

In “Miles Ahead,” Miles Davis holes himself up in an apartment during a creative and financial rut, conspiring with a reporter to steal back rights to his music. Davis is known to have hit some rough spots in his life, of course. But many of the machinations of the movie were admittedly invented by star and filmmaker Don Cheadle and his co-writers.

Even “The Walk,” seemingly a more faithful rendering of Petit, the World Trade Center wire-walker, veers away from a traditional biopic in showing Petit’s daredevil performance in 1974. That event did happen, but a number of others, such as his mentorship by an older wire-walker and a celebratory dinner that caps the movie, were either embellished or manufactured.

There has been little fuss over those liberties, perhaps because director Robert Zemeckis makes clear that his goal was as much a whimsical ode to the powers of dreams as it was to present a historical account.

“I think audiences are more able to handle these changes than they used to be,” said Kent Jones, director of the New York Film Festival who put “Jobs,” “The Walk” and “Miles Ahead” on the bill. Given that the medium is inherently an interpretation, he added, “I don’t really know how fiction movies could ‘stick to the facts.’”

Still, other veterans say that cloaking oneself under the banner of moviedom may not be enough.

Alex Gibney, the Oscar-winning filmmaker who made a well-regarded documentary about Steve Jobs that came out last month, said scripted movies need to be upfront about their intentions.

“Zero Dark Thirty” pretended it was truth when it was fiction,” he said of the 2012 hit about the CIA agent who helped capture Osama bin Laden, which included the disputed implication that the torture of a terror suspect produced crucial intelligence.

Gibney added that he was OK with more whimsical portrayals, but only “so long as the rules are clear and the filmmakers live by them.” (The director said that he has read the “Jobs” script but not seen the film. He said he was fine with the imagined conversations of the Sorkin film “in principle.”)

For years, biopics have been subject to intense scrutiny by a loose network of professional experts and amateur scolds, a process informally known as truth-squadding.

Three years ago, Steven Spielberg’s “Lincoln” was combed over closely by historians and politicians who questioned details in the film, including Connecticut voting against an anti-slavery amendment the state in fact supported. With these watchdogs out in force, film’s impressionist movement may be a clever sidestep — a way, in the minds of some skeptics, to avoid haggling over individual questions by

“Films are sometimes held to loose standards even though they stand to benefit the most from the double game. An impressionistic biopic, after all, can allow filmmakers to have it both ways: the power of real events with the leeway of fiction.”

seeking a blank check for the whole enterprise.

Spielberg, though, returns with another more precise adaptation of American history this month with “Bridge of Spies,” about James Donovan, a lawyer who negotiated the exchange of U2 pilot Francis Gary Powers and American economics student Frederic Pryor for a Soviet spy during the Cold War.

The director says his goal with the new film was an accurate depiction, while acknowledging that he took some typical, relatively minor liberties such as upping the number of gun shots in one scene.

Other filmmakers say a more literal faithfulness remains a priority for them too.

Brian Helgeland, the Oscar-winning screenwriter who has directed “Legend,” a biopic about the English gangsters the Kray brothers that opens next month, says that the exact shape of the goings-on in his film could be amorphous, but that he thought it worth pursuing anyway.

“There were so many versions of events, so many contradictions, that it was impossible to know what really happened,” he said. “But it was important to me to hew as closely to the truth as I could.”

Helgeland said he had a moment of panic when someone who knew the Krays came up to him after a screening apoplectic that he had “gotten it all wrong.” The director breathed a sigh of relief when the objection turned out to be simply over the layout of a bar.

Audiences can have different thresholds of acceptance for dramatized work depending on format and tone. A clever hip-hop musical about Alexander Hamilton will be embraced even though the show takes its share of artistic license, but as “A Million Little Pieces” author

James Frey learned, a fictionalized memoir invites opprobrium.

Films are sometimes held to loose standards even though they stand to benefit the most from the double game. An impressionistic biopic, after all, can allow filmmakers to have it both ways: the power of real events with the leeway of fiction. A movie about a polarizing tech magnate with a fictitious name working for a company no one has heard of would arguably not pack the same punch as a film about Steve Jobs and Apple.

Yet those who’ve made impressionistic biopics say the distinction between their brand of movie and more literal renditions is a false one.

“To some degree they are all historical fiction. Everybody’s taking poetic license. You can’t encapsulate someone’s life in 90 minutes,” Cheadle said. “I didn’t want to attempt to be playing cute with the story and say, ‘This is a true story.’ I wanted it to be creative. I wanted it to be interesting. I wanted it to be different.”

Sorkin noted that if larger themes are at hand, he saw little harm in combining real names with invented dialogue.

“At the end of the day, it’s much more a movie about genius versus decency and fathers and daughters,” Sorkin told The Times of “Jobs.” It’s a much more universal movie than the history of Apple. He said it was different from “Zero Dark Thirty,” the Iran hostage film “Argo” and others because those were specific re-creations of historical events.

But just because filmmakers didn’t intend to make “Jobs” as a movie about Apple doesn’t mean audiences won’t take it as one. Even before its release, “Jobs” angered Apple CEO Tim Cook, who called it “opportunistic.” His response prompted studio Universal to set up a private screening in the hope of allaying his fears. Cook’s reaction, it should be said, stands in contrast to the blessing given by Wozniak, who was a paid consultant, and original Mac developer Andy Hertzfeld, who wasn’t.

Sometimes, though, the best way to handle misunderstandings or the perception of an ethical breach is to get out in front of the story early — and playfully.

When “American Hustle,” about the real-world figures involved in the Abscam operation, hit theaters two years ago, director David O. Russell preemptively neutralized criticism with a short message preceding the action.

“Some of this,” stated a title card at the beginning of the movie, “actually happened.”

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SOLUTION TO MONDAY'S PUZZLE 10/13/15

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

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Leader

Continued from page 2

her way to the top as the director. According to Hammock, her main goal in the position is to create a closely bonded team of event coordinators who feel valued for the work they do. She wants to be sure that her staff members' work contributes not only to MUPC but to OSU as a whole.

Hammock says her work at MUPC has helped her to feel connected on campus. It has allowed her to meet new students and professional staff on a daily basis.

"I definitely think MUPC has made this big university feel like I have a place here, which is really important to me, and I really enjoy that about this job," Hammock said.

Hammock has also found a place for herself within Greek life, where she has been an active member of Chi Omega sorority since her freshman year at OSU, even serving as the chapter president for a year. According to Hammock, the leadership skills she has gained from being in Chi Omega led her to the MUPC and played a large role in forming her college experience.

Hammock said her time with the MUPC

has helped her to develop her career path, as well as enriched her studies in interior design.

"Event planning is definitely a passion of mine, so that's kind of why I started with MUPC, because I can see myself doing that as a future career. But I've really stuck with MUPC because it's given me so much valuable experience that you don't learn in the classroom," Hammock said.

Hammock hopes to turn her interests in event design and management into a summer internship, where she can create more design projects and add to her portfolio.

To Hammock, event design means "creating an experience." She strives to create an all-encompassing atmosphere when planning events that allows those in attendance to share a collective moment with one another.

Hammock seems to have successfully applied this tactic to her years at OSU as well. She has certainly created an experience for herself, following her passions throughout all aspects of her life.

"I'd really advise people to get connected, and get connected early, because it kind of shapes your college career," Hammock said. "In my instance it shaped it into a truly great experience."

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Calendar

WEDNESDAY, Oct. 14:

Meeting: 4 p.m. - 5 p.m. OSU Climate Leaders hip Training
Location: Kelly Engineering 1005
Open Lecture about climate change, climate policy, and what people can do about it.

THURSDAY, Oct. 15:

Meeting: 12:30 p.m. Baha'i Campus Association
Location: Talkman Room in the MU
Informal discussion, open to all, on "Work as Worship".

Meeting: 5 p.m. - 6 p.m. OSU Healthy Aging Club
Location: Waldo 400
Want to hold a leadership position or become a project coordinator? We will hold nominations. Take a historic part in OSU's first year recognizing Veterans' Day by helping with our club's "Thank A Vet" event.

FRIDAY, Oct. 16:

Meeting: 10 a.m. - 12 p.m. Student Organization Resources for Community Engagement (SORCE)
Location: SEC 254
CONTACT: Jovita Mertju (541) 979-7602
Open Budget Hearings for student organization allocation for funding sources.

SATURDAY, Oct. 17:

Event: 10 a.m. - 5 p.m. RaSani Body Mind Spirit Fair
Location: Linn County Fair & Expo
Alternative Health and healing fair with over 85 spiritual vendors.

Event: 10 a.m. Alternative Health & Healing Fair
Location: Linn County Fair & Expo.
Alternative Health and healing fair with over 85 spiritual vendors.

SUNDAY, Oct. 18:

Event: 10 a.m. Alternative Health & Healing Fair
Location: Linn County Fair & Expo.
Alternative Health and healing fair with over 85 spiritual vendors.

SATURDAY, Oct. 24:

Event: 12 p.m. - 5 p.m. Philomath Open Studios Tour & Art Sale
Location: Philomath Area
A free, self-guided, tour of 17 unique studios with 37 artists' work, open to the public from noon to 5pm during the last two weekends of October.

CIA

Continued from page 6

the accounts given by Salim and Ben Soud of their abductions, detentions and interrogations in secret CIA prisons in which they were held — Salim for 17 months and Ben Soud for 28 months — in Afghanistan. Doctors monitored their conditions while the pair was abused.

Both were stripped, starved and held in darkness while being chained and suspended from ceilings by their arms, the lawsuit said.

They were subjected to sleep deprivation, loud music, beatings and cramped confinement in large and small boxes, said

the lawsuit. Salim "became so hopeless and despondent," it said, that he attempted suicide with painkillers that he was given for broken fingers that he sustained during his CIA abduction.

Salim repeatedly was doused with freezing water. Ben Soud underwent "water torture" in which he was stripped, "placed in the center of a large plastic sheet" and partially submerged in ice-cold water.

Ben Soud also claimed he was subjected to a waterboarding-like technique in which he was strapped to a wooden board that could spin 360 degrees. Cold water was poured over his body and his head covered in a hood, said the lawsuit, which included a sketch Ben Soud made of the device.

Mc Clatchy Washington Bureau

hAppY InTERNAtIONAL Standards DAY!?

horoscope



By Nancy Black
Tribune Content Agency

Today's Birthday (10/14/15).
This year's theme is transitions and transformations. Support adaptation to changes. Look at seemingly-impossible goals from a new view. Communications, broadcasting and networking are powerful tools. Springtime professional breakthroughs lead to personal revelations. Planning and contemplation illuminates true priorities over autumn, leading to a busy work phase. Love is the key.

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

Aries (March 21-April 19) — Today is an 8 — Review resources and secure ground taken. You're energy's at a peak, and the tide's in your favor. Amazing results are possible. Speak in a language your listener understands. Friends give you a boost. Call home if plans change.

Taurus (April 20-May 20) — Today is a 9 — You're making a good impression. Dress for the part you want. Have fun with it. Invest in a new style. Collaboration brings magic. Create an attractive package for increased profits. Get in action! Grow your networks by participating.

Gemini (May 21-June 20) — Today is a 9 — Focus on your work to get the results you want. Put your back into it, but don't let them see you sweat. Draw upon hidden resources. Move quickly to maintain your advantage. Team up with a genius.

Cancer (June 21-July 22) — Today is an 8 — Travel with a loved one goes well now. Fun, adventure and romance spark with little provocation. Your experience makes you attractive. Practice your talents and skills for a passionate objective. You can get what you need.

Leo (July 23-Aug. 22) — Today is a 7 — Flex your artistic muscles on a home project. Beautify your surroundings. List problems to solve, and work together with family. Get farther together. Clean closets and storage to discover buried treasure. Celebrate the improvement with something delicious.

Virgo (Aug. 23-Sept. 22) — Today is an 8 — Words come easily. Write, record and participate in an interesting conversation. You're especially clever. Study new opportunities. Work the numbers. Strengthen your networks by showing up and participating. Calm someone who's nervous. Keep your deadlines.

Libra (Sept. 23-Oct. 22) — Today is a 9 — It's possible to have fun and make money at the same time. Talk about what you want, and write it down when you get it. New skills lead to new friends. Socialize. Together you can accomplish great things.

Scorpio (Oct. 23-Nov. 21) — Today is a 9 — Take bold action for exciting professional objectives. Collaborate with interesting people. Learn from a master. Friends keep you going the right direction. The community provides what you need. Generosity and love are available. Share and give thanks.

Sagittarius (Nov. 22-Dec. 21) — Today is a 7 — The more you learn the more your confidence grows. Push past old barriers. Your discipline is admirable. Do the homework. Rely on others while focusing on your own expertise. Innovate and over-prepare. Rest deeply.

Capricorn (Dec. 22-Jan. 19) — Today is an 8 — Group participation energizes your goal. Participate and contribute. You're on a roll. It's all for friends and family. Share food and drink with people you love. Share resources and connections. You don't have to start from scratch.

Aquarius (Jan. 20-Feb. 18) — Today is an 8 — A rise in professional level is available if you pass the test. Clean up the presentation. Smile for the cameras. Provide excellent service. Add an artistic touch. Relax later when the spotlight has passed. Invest in your career.

Pisces (Feb. 19-March 20) — Today is a 9 — Get adventurous. Explore a subject through your senses or the words of another. Travel, or crack books. Get sucked into a delicious conversation. Adapt to new understanding as you go. Expand in the direction of least resistance.

(Astrologer Nancy Black continues her mother Linda Black's legacy horoscopes column. She welcomes comments and questions on Twitter, @linda_black. For more astrological interpretations visit Linda Black Horoscopes and www.nancyblack.com ©2015 BY NANCY BLACK, DISTRIBUTED BY TRIBUNE CONTENT AGENCY, LLC. ALL RIGHTS RESERVED.

Sports

Beavers win the Beaver Brawl



The Oregon State Ultimate team huddles up at the Beaver Brawl tournament on Oct. 10.

OSU Ultimate wins 13-team tournament

By Max Brady
Sports Contributor

The Oregon State Ultimate Club was back in action for the 2015 Beaver Brawl Tournament over the weekend. 13 teams from 11 unique schools peppered the turf of the intramural fields of Student Legacy Park.

After two days of competition, both of the Oregon State teams advanced through the bracket to play each other in the championship round where OSU-X defeated OSU-Y on Sunday.

Teams from across Oregon and Washington came to have fun and compete. Picking the best uniform would

have proven difficult as some teams chose to wear their favorite professional jersey, or proudly wore the stars and stripes. One team, University of Puget Sound, had a player who donned jean overalls. Though teams were having fun with their uniforms, all were serious about winning.

Appropriately dressed in orange and black the Beavers had 54 players suit up between two teams – OSU-X and OSU-Y.

The evenly split teams went at pool play and both qualified for the championship tournament. To be crowned champion, a team had to endure three rounds of single elimination play.

On Saturday, Portland State defeated the X-squad in pool play. On Sunday, OSU-X got their redemption against PSU in the single elimination

round. The host team jumped out to an early lead over PSU and cruised to a 13-9 win.

While round one seemed stress-free for both OSU squads, round two wasn't so luxurious. Beating Willamette 13-6, OSU-Y advanced to play a very tough University of Portland team. OSU Ultimate club president, Jacob Chickadonz, said the second round bout was the weekend's biggest challenge.

"Being down 7-4 at half is tough to comeback from," Chickadonz said. "But we just kept playing our game, and came back and won."

OSU-Y outscored UP 10-5 in the second half en route to their round two victory. Final score: OSU-Y 14, UP 12.

Simultaneously, OSU-X brought their A-game and easily defeated the University of Puget Sound.

Beaver Brawl was the title of the tournament, and that's exactly what it turned out to be. OSU-X versus OSU-Y for the championship game. The game was treated more like a friendly than a championship. The Beavers took first and second in their own tournament.

The outcome of the Brawl shows promise for the rest of the season. In later tournaments, the Beaver squad will split into A and B teams. This means all the best players will play on one competitive team. Sweeping the Brawl with equal teams shows great depth and is a huge asset for the future.

Next weekend, the Beavers travel to Chico State to play in the Chico Tournament, a tournament that Chickadonz is confident they can win.

sports@dailybarometer.com



JEREMY MELAMED | THE DAILY BAROMETER

David Rong elevates to catch the disk against Lewis and Clark College in the Beaver Brawl ultimate frisbee tournament on Oct. 10.



THE DAILY BAROMETER ARCHIVES

Washington State receiver Tyler Baker catches a touchdown, (bottom left) Running back Chris Brown is taken down by WSU defender, (bottom right) Receiver Victor Bolden tries to escape a cougar defender on Nov. 8, 2014.

Rewind: Falk baffles Beavers in 2014

Beaver defense could not keep pace with Cougar offense in 2014

By Brian Rathbone
Sports Editor

The Wednesday Rewind is a weekly feature that takes a look back to the last time the Beavers and their opponent faced off. This week we look at the Washington State Cougars who defeated the Beavers at Reser Stadium 39-32 on Nov. 8, 2014.

What was at stake?

Both Oregon State and Washington State entered the matchup on four-game losing streaks. After starting the season with a 4-1 record, the Beavers looked primed to make their third straight bowl game appearance, but the losing streak heightened the importance of the game. The Cougars found themselves at the end of a difficult season and took on the role of spoilers, having only two wins entering the game at Reser Stadium.

Offensive storyline:

A week after setting a Pac-12 record for career passing yards, former quarterback Sean Mannion would pass for 419 yards

against the Cougars. But it was the play from wide receiver Victor Bolden that had one of his best games in the orange and black, finishing the game with 10 catches and 126 yards – which was a career high at the time.

While Mannion and Bolden posted good numbers, the offense struggled to finish drive, often settling for field goals, kicker Garrett Owens was a perfect 4-for-4 on field goals.

Defensive storyline:

The Oregon State defense had no answer for Washington State quarterback, Luke Falk. Falk, a former walk-on making his first career start for the Cougars, looked like a veteran as he carved up the Beaver secondary for 471 yards and five touchdown tosses.

When Oregon State cut the lead to 39-32 with three minutes remaining in the game, the defense could not get the stop that would give them back the ball. A backbreaking personal foul penalty after a sack of Falk on third down, gave the Cougars the final first down needed to run out the clock.

Turning point:

With just under the two minutes left in the first half, the Cougars held a one-point lead following a 37-yard

field goal by Oregon State kicker Garrett Owens. Falk then engineered a four play, 70-yard touchdown drive that was capped off by a 48-yard touchdown pass against broken coverage by the Beaver defense.

Another crucial juncture of the game came late in the third quarter. Trailing 25-22, the OSU offense called a screen pass to wide receiver Victor Bolden that appeared to be executed to perfection as Bolden ran in for touchdown. The scoring play was called back due to a holding call, negating the score. Instead of taking a 29-24 lead, the Beavers had to settle for a field goal only giving them a one-point lead.

What happened afterwards?

The loss dropped the Beavers record to 4-5, meaning that they would have to win two of the final three games to become bowl eligible. The Beavers pulled off an upset over then sixth ranked Arizona State the next week, but failed to reach the six-win threshold, falling to Washington and Oregon in their final two games.

Following their second win of conference play, Washington State would go on to drop their final two games as well finishing with a 3-9 record.

On Twitter @briathbone3



Sports Sarkisian firing sets back USC

By Gary Klein and David Wharton
Los Angeles Times

LOS ANGELES – The turmoil surrounding USC's football team deepened Monday with the firing of Steve Sarkisian, a troubled coach who promised before the season he would seek professional help to determine if he had a drinking problem.

The dismissal came a day after the university placed the Pete Carroll protege on indefinite leave for a string of incidents – he slurred his words and shouted an expletive at a preseason rally, acted strangely during a recent game and, finally, didn't show up for a practice.

Sarkisian has entered a rehabilitation program, a close friend said.

Now the pressure is on Athletic Director Pat Haden, a former star quarterback at the school who has been criticized for not fully vetting Sarkisian before hiring him two years ago and for not taking more decisive action when the coach's behavior began to erode.

Haden, whose own job could be in jeopardy, will be searching for a brand-name coach for the university's signature sports program as rumors swirl about likely candidates.

All of this comes in a week when the Trojans have slipped from the national rankings and must face tra-

ditional rival Notre Dame.

"It's definitely just a shock to the team," offensive lineman Damien Mama said.

A parent expressed disappointment with USC, commenting on the condition she not be identified because her son plays for the Trojans.

"These kids deserve so much better," she said. "It's sad for them."

The terms of Sarkisian's dismissal were not immediately clear. USC coaches have a morals clause in their contracts, according to a school official who asked to remain anonymous because university policy prohibits disclosing such information.

The decision was posted on the athletic department's website at about 1:30 p.m. Sarkisian could not be reached for comment. Haden and USC President Max Nikias declined interview requests.

Sarkisian was believed to rank among the highest-paid coaches in the Pac-12 Conference, earning at least \$3.4 million a year in total compensation, the amount his predecessor – Lane Kiffin – was making.

Sarkisian acknowledged mixing alcohol with an unspecified medication before the school's annual "Salute to Troy" gathering of alumni, boosters and parents two weeks before the team's season opener.

Todd Marinovich, a former USC

quarterback who has publicly battled heroin addiction, attended that gathering and said he warned university administrators Sarkisian needed help.

"I knew he was intoxicated, and I wanted to protect him," Marinovich told HuffPost Live. "And I went to the people in charge and I said, 'We got to stop this.'"

Carroll, the former USC coach who first brought Sarkisian to the program as a young assistant in 2001, said before news of the firing that he believes the 41-year-old now understands the gravity of the situation.

"He's going to do something about it, so this is the day the turn occurs," Carroll, now with the NFL's Seattle Seahawks, told an ESPN radio station. "This is going to take a long time. This is a big battle."

Though much of the recent media attention has focused on Sarkisian's behavior at USC, the Los Angeles Times reported earlier Monday about his use of alcohol while he was coach at the University of Washington for five seasons.

Accounts from former players and documents obtained by Times reporters in public records requests portray a man who favored Patron Silver tequila or Coors Light and frequented a handful of Seattle-area bars with staff members.

Expense reports show that during a 2013 football convention in Nashville, Tenn., Sarkisian and three assistants ordered four shots of tequila, four shots of an unspecified liquor and five beers, all before noon.

A former Washington player said the coach had arrived at some morning meetings smelling of alcohol.

Haden has defended choosing Sarkisian to replace Kiffin – another Carroll protege – by pointing out that the coach was never disciplined by Washington while he coached there.

After the "Salute to Troy" incident, Sarkisian held a news conference and blamed his behavior on mixing "not much" alcohol with medication and said he would seek treatment.

"He understands he let us all down," Haden said at the time. "It isn't the Steve Sarkisian I've known for a long time or certainly the guy I hired."

On Sunday, Haden was at a basketball event when he received word that Sarkisian was not at practice. He immediately called the coach, determined that Sarkisian was "not healthy," and placed him on leave.

In a statement announcing Sarkisian's firing Monday, Haden said, "Through all of this we remain concerned for Steve and hope that it will give him the opportunity to focus on his personal well-being."

Watching from the outside, former USC star Ron Yary was worried about the team.

"The worst part about it is, if a coach has a problem like that, the players know it," he said. "You won't keep that away from the players."

Reaction to Monday's firing was mixed on campus as students sympathized with Sarkisian but also agreed that he should not remain in charge of the team.

For some, it was impossible to separate allegations of drinking from the Trojans' inconsistent performance.

On Thursday, the team appeared unprepared in an upset loss to Sarkisian's former school, Washington.

"It's a very frustrating time to be a USC fan," said Donald Annarella, a junior majoring in real estate. "It's a lot of potential and talent out there, and we're not performing."

Now, with the team preparing for the big game against Notre Dame on Saturday, the players said they must find a way to regroup.

Many echoed the words of star cornerback Adoree' Jackson, who said Sarkisian was "a good person, but bad things happen in life you can't have control over."

"We just have to keep fighting on," Jackson said. "I mean, that's our motto. That's what we've got to do."

Los Angeles Times

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