

**RBT Alert**  
It begins again! Pass times are available on GOLD and RBT. Pick up the Fall 2001 course catalogs in the UCen Bookstore.



**The Whole Ball of String**  
UCSB physicists unravel mysteries and ponder the layers of the universe. Their answers are bizarre.

See Feature p.6



**Gauchos Storm the Beach**  
The UCSB baseball team took two out of three games from LBSU this weekend to win the series.

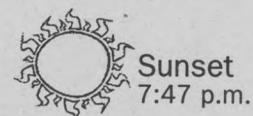
See Sports Monday p.1A

**Monday**  
May 7, 2001

www.ucsbdailynews.com

# Daily Nexus

UNIVERSITY OF CALIFORNIA, SANTA BARBARA



Tides  
High: 10:42 a.m.  
Low: 4:03 p.m.

Volume 81, No.121

Two Sections, 16 Pages



**Not the Face, Not the Face!**

Leo Zamora (L), representing Primo Boxing, gets rocked by a devastating right-cross thrown by Austin Peck, fighting for Sigma Chi and State Street Boxing during Pi Kappa Alpha's 10th annual Fight Night in Rob Gym last Friday. Over 2,000 people attended this year's event.

TRUC BUI / DAILY NEXUS

## 2 Men Suffer Injuries in Assault

At approximately 11:55 p.m. on Friday, May 4, two male victims were reportedly attacked by a large group of Hispanic male suspects while walking through Estero Park, located at 889 Camino del Sur.

One of the victims, a 22-year-old SBCC student, was stabbed, and both victims suffered various cuts and bruises from the assault, according to the Isla Vista Foot Patrol report.

The suspects were described in the report as being between the ages of 15 and 18, wearing baggy pants and mostly flannel shirts or white T-shirts. The victim who was stabbed described his attacker as 5 feet 6 inches to 5 feet 8 inches tall and approximately 145 pounds, with black hair and brown eyes. Both victims said the

suspects appeared to be gang members.

"[The victims] were walking to the Santa Ynez [Apartments] when they passed a van parked at the dead end of Estero and at the entrance of Estero Park," the report states. "The van was occupied by a group of Hispanic males and females. As [the victims] passed the van, they heard a male voice say, 'What are you looking at?' The victims replied 'Nothing, just walking.'"

Reports state two other Hispanic males confronted the victims while they were passing a drinking fountain in Estero Park, before other suspects approached. Numerous suspects reportedly attacked the first victim by punching him and throwing him to the ground and attacked the second victim by slashing his left

mid-rib cage when he attempted to intervene.

After the group dispersed, the second victim realized he had been stabbed. The victims flagged down a female subject on Camino del Sur, who then called 911. The victims were transported to Santa Barbara Cottage Hospital, where a police report was taken, and both have been discharged, according to a hospital spokesperson.

The van was described as a dark-tan or coffee-colored, late-1980s or early-1990s Ford Aerostar or Chevy Astrovan. Anyone with information regarding the incident is requested to call the Santa Barbara County Sheriff's Dept. at 681-4100.

— Marisa Lagos

## SBCC Student Falls to Death From DP Home

### ■ 20-Year-Old Male Drops 40 Feet Onto Rocks Below

Twenty-year-old Santa Barbara City College student Timothy Baptista was pronounced dead Sunday at 1 a.m. after falling off a 40-foot cliff onto the beach.

Baptista was attending a party located at 6507 Del Playa Drive at the time of the fall, Santa Barbara County Sheriff's Dept. Public Information Officer Lt. Mike Burridge said.

"There were people at the party interviewed by deputies; everybody who was there was interviewed, but nobody saw anything," he said. "One person looked over the edge of the cliff and saw that [Baptista] was down there."

Police received a 911

call at 12:30 a.m. Burridge said two Isla Vista Foot Patrol deputies were at the residence and two deputies were on the beach in seven minutes; however, Baptista was unconscious.

"Two guys who were at the house were down on the beach administering CPR when the deputies got down there," Burridge said. "One of the people [Baptista] knew at the party said he hadn't seen him for 15 minutes before he was discovered down on the beach."

The decedent, who was found lying on his back on top of large rocks below the DP residence, had no pulse and was not breathing

when emergency personnel arrived, Burridge said.

"He had a friend — I believe the party was for a 21st birthday — and that's why he was there. By reading [the reports] I get the idea that a lot of people at the party knew him," he said. "There is nothing that leads us to believe that there was foul play involved."

According to Burridge, witnesses at the party said Baptista had been drinking over the course of the evening; however, it is not known if alcohol played a role in his fall. Toxicology results will be released in 10 days to 12 days.

— Jennifer B. Siverts

## Private Educator Claims Unfair Advantage for Minorities on Test

BY STEPHEN HALL  
Reporter

After studying the average scores of the 1999 SAT II tests, an Irvine educator has declared the tests biased against African-American and Caucasian students.

David Benjamin, owner of a private education company called Ahead of the Class, said he believes the SAT II tests are unfair to African-Americans and Caucasians based on the third part of the test.

On the SAT II, all students take a math and writing test and are allowed to choose the third from tests including history, language, literature and sciences. Benjamin said that many bilingual students take the language test in their native language, while Caucasians and African-Americans cannot do the same.

"The second-language advantage on the SAT II will allow many bilingual students to gain an unfair advantage over other students in the

See BENJAMIN, p.3

*I'm fighting for a better world for myself, too. When you're struggling for justice, you're struggling for a better place for everyone.*

— Linda Evans  
political activist

## Pardoned Inmate To Give Speech on Prisoner Activism, Gay Rights

BY JENNY SHOVEL  
Reporter

Linda Evans was sentenced to 40 years in prison in 1985 for using false identification to purchase firearms. Women's and multicultural groups on campus say her unusually long sentence was the U.S. government's way of punishing Evans for her role as a political activist.

Evans will speak Tuesday at 7 p.m. in the MultiCultural Center to discuss her 16 years in jail and her pardon from

President Bill Clinton. Her free talk, "Queer Activism: Inside Prison, Inside the Prison Movement," will cover sexuality, race, gender, social class and prisoner rights.

Evans has been involved in political and social movements since the 1960s, when she rallied against the Vietnam War and performed in a guerilla street-theater group and an all-woman band. She embraced the black liberation movement in the 1970s as well as the women's and lesbian movement. Her work was extended internationally to regions such

as Central America, Palestine and South Africa, until a Louisiana judge sentenced her to 40 years in prison.

According to UCSB Asian American Studies Professor Diane Fujino, Evans' 40-year sentence had more to do with her history of political activism than of false identification or firearms.

"Political prisoners are people who are incarcerated for their political beliefs," Fujino said. "They get much longer sentences and are treated more harshly."

See EVANS, p.5

# Top of the News

## Motorist Shooting Sparks Peaceful Rally



IRVINGTON, N.J. (AP) — About 200 demonstrators staged a peaceful rally Saturday to protest the killing of an unarmed black motorist by a white police officer.

Demonstrators marched through city streets, with police escort, to the steps of police headquarters, where the Rev. Al Sharpton led the crowd in chants of "No justice, no peace."

"They must understand that when you shoot one of us, you shoot all of us. We are not anti-police; we are anti-police brutality," the New York City activist said.

Authorities said Officer William Milton fired his weapon at Bilal Colbert on

Monday after Colbert, 29, refused to get out of his car and shifted into reverse, striking the officer's leg with his car door.

A grand jury will review the shooting in the community on the west side of Newark.

Police had issued a warrant for Colbert's arrest after a similar incident on April 14, when Officer Clinton Franks stopped

**They must understand that when you shoot one of us, you shoot all of us.**

— Al Sharpton  
reverend

Colbert for a traffic violation. Franks was bumped by a car door, but was not seriously hurt, authorities said.

Milton fatally shot another black motorist four years ago. Police said Keion Williams, 24, tried to flee a traffic stop and

dragged Milton, breaking the officer's leg. A grand jury decided not to indict Milton in the May 9, 1997, shooting.

The Rev. William Rutherford, who earlier in the week had called Officer William Milton a racist murderer, said the community should stay calm while authorities investigate Monday's shooting. He also called for Milton's

suspension without pay.

Milton's lawyer filed a libel and slander suit against Rutherford on Friday, but the clergyman said he stood by his comments.

Milton has an unlisted home telephone number and could not be reached

for comment Saturday. There was no immediate response to calls to the police department.

Among the people at Saturday's rally was Colbert's brother, Willie Humbert. He noted that Colbert was driving his girlfriend's daughters to school when he was shot. One girl was in the car at the time, while another had gone into a store to get snacks, police said.

"Something should have been done then, and for damn sure something needs to be done now," Humbert said. "They killed him right in front of his kids."

On Friday, a mediator and a community relations director from the U.S. Justice Dept. met with Mayor Sara Bost and other local officials.

"We asked them to come here to help us through this so there won't be an escalation in the community," Bost said

## Soccer Fans Riot After Collapse of Stadium Roof



TEHRAN, Iran (AP) — The roof of a stadium grandstand caved in, killing several fans and injuring hundreds of others, during a soccer match Sunday in northeastern Iran, the official news agency reported.

After the accident, angry fans clashed with police trying to make their way into Mottaqi Stadium in the city of Sari, 155 miles northeast of Tehran.

State-run television showed images of fans wielding metal poles locked in battle with anti-riot forces on the soccer field. One wall of the stadium was torn down, and iron fences separating the grandstand from the field had been rooted out.

Some rioters started fires on the field, said Ali Ansarian, a player with Persepolis, one of the teams in the match.

"We are trapped in the locker room," Ansarian told AP by phone. "There is such a thick crowd outside that we can't force open the door to the locker room. Through a small window, I can see fighting outside between fans and the police."

It was not immediately clear what had sparked the

riots. Some 20,000 fans were in the stadium at the time of the collapse, the official Islamic Republic News Agency reported. It reported "hundreds" injured and "several" dead without giving exact numbers.

Ansarian said that he had seen at least 30 people dead. A few hours later, Ansarian said the riots had been contained and that he and his fellow players were on a bus headed for Tehran. Team manager Mahmoud Khordin said one of the players had been badly injured when a rock hit him on the head.

Asghar Naghipour, a telephone operator at the Imam Khomeini Hospital in Sari, said that his small hospital so far had taken in 160 injured people.

He said survivors had reported that fans had climbed on a roof that was under construction at the stadium to get a better view. "The greatest casualties appear to be from where that happened," he said.

At Sari's Bu Ali Hospital, injured people, many of them in critical condition, were packed in the hallways and in the courtyard, said the telephone operator there.

One of the officials, reached by telephone at the scene, said that the stadium was old and so overcrowded that aid workers could not quickly reach some of the injured.

## AP Wire Shorts

CAMARILLO, Calif. (AP) — Gasoline prices jumped 8.58 cents over the last two weeks to reach a new all-time unadjusted high, an analyst said Sunday.

The nation's average price of gas, including all grades and taxes, was \$1.76 per gallon on Friday, up 5 percent from April 20, according to the Lundberg Survey of 8,000 stations nationwide.

That breaks the record price of \$1.71 that motorists paid in June, 2000. But analyst Trilby Lundberg said that when adjusted for inflation, Friday's price was a full dollar less than the average cost of gasoline in March, 1981.

AMMAN, Jordan (AP) — An American citizen detained in Jordan since 1999 — on suspicion of links with Saudi militant Osama bin Laden — has begun a hunger strike to demand his release, his brother said Sunday.

Former Los Angeles resident Khalil Saeed Deek, 44, began refusing food on Thursday, said his brother, Adel Deek.

Deek has been in detention since he was extradited from Pakistan on Dec. 16, 1999. He has not been charged, despite a Jordanian law requiring that suspects be charged within six months of their arrest.

"He has not been charged because he is innocent," Adel Deek said. "He will remain on the hunger strike until he dies."

Officials could not immediately be reached for comment.

SKOPJE, Macedonia (AP) — Macedonia's prime minister said Saturday he plans to ask Parliament to declare a state of war, just hours after soldiers hammered ethnic Albanian rebel positions with artillery fire in an escalating offensive.

The comments from Prime Minister Ljbuco Georgievski came before an emergency session of his governing party leadership, which followed a week of attacks on rebels holding ground in the northern part of the country.

A state of war would give the government the power to seal the borders, ban public gatherings, rule by decree and implement a curfew.

Under the Macedonian constitution, a declaration of a state of war can only happen with the approval of a two-thirds majority of the 120-member Parliament. That means that 81 members would have to vote for the measure — including 26 ethnic Albanian deputies.

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## Fight (for a Seat) Night

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## Weather

weatherhuman@dailynews.com

Two heads are better than one ... but not if those heads are meatheads.

You guessed it: I went to UCSB's annual meat-head festival (AKA "Fight Night") on Friday night (don't lose faith in me ... I didn't pay).

As expected, there were plenty of large, sweaty Neanderthals in the ring, but by far the biggest meatheads there were the spiky-haired "brothers" who organized the event.

For about two weeks, the brothers have been selling tickets all over campus. What they forgot to mention was that only the first 300 paying customers would actually gain admission to the event.

The other 200 would have to stand in the cold, with no explanation or refund.

Hey, guys, do you plan bar mitzvahs, too?

Monday's forecast: High-pressure system of complaints forces massive waves of refunds.

**The second-language advantage on the SAT II will allow many bilingual students to gain an unfair advantage over other students in the UC admissions decision-making process**

**— David Benjamin  
private education company owner**

## BENJAMIN

Continued from p.1

UC admissions decision-making process," he said.

Using data from 1999, Benjamin said he has found that Chinese students who were taking the Chinese exam scored an average of 747 out of 800, Korean students who took the Korean exam scored an average of 724 and Latino students who took the Spanish exam scored an average 683. Benjamin said Caucasian students who did not have a natural second language tended to take the American History exam and scored an average 574, while African-American students tended to take literature and scored an average of 493.

Michael Brown, a professor of education and chair of Admissions and Enrollment at UCSB, said Latinos and Asians usually opt for the language exam

in the third achievement test.

"The third achievement test does indicate that Latinos and Asians are advantaged in terms of the third exam," he said. "However, whites are neither advantaged nor disadvantaged."

The UC has proposed dropping the SAT I as a requirement for admission and weighing the SAT II scores more heavily. UC officials said the SAT I has no significant link to the curriculum being taught in California high schools, and that they must rely on SAT II scores to determine student eligibility.

"SAT II scores combined with a student's high-school GPA is a better predictor of how students will do in college or at a university than is the SAT I," UC spokesperson Abby Lunardini said.

Benjamin said he has appeared before the UC

Board of Regents twice and has sent a letter to UC President Richard Atkinson about his studies. Neither responded to him or his letter.

"Atkinson has this master plan in mind, and he didn't want to deal with [the letter] and he basically ignored it," Benjamin said.

Lunardini said Atkinson is a firm believer in standardized tests and is looking to create a new test to replace the SAT. For now, she said, the SAT II remains the best predictor of success in college.

"President Atkinson is aware of all the issues surrounding the proposal to drop the SAT I and he has reviewed and researched them with a team of people," Lunardini said. "I think he is aware of the issue and that [Benjamin's] characterization of him is an unfair one."


the
Daily Nexus


**Classier than box wine.**



# UCSB ARTS & LECTURES PRESENTS

**WRITER'S READING**

## Dana Gioia

"A refined and unusually gifted writer"  
*The New York Times*



**Wednesday, May 9 / 4 pm**  
**MultiCultural Center**

With his essay "Can Poetry Matter?" Dana Gioia ignited a national debate about the role of poetry in contemporary intellectual life. He'll read new poems from *Interrogations* at Noon.

**FREE**

**FILM**

## Butterfly

"A moving portrait of an extraordinary woman" *POV*



**Thursday, May 10 / 7:30 pm**  
**Campbell Hall**

This documentary chronicles Julia Butterfly Hill's two-year stay atop Luna, a 1000-year-old redwood tree, to protect it from the timber industry.

Students: \$5,  
in advance and at the door

**WRITER'S READING**

## Anne Waldman & Eleni Sikelianos



**Friday, May 11 / 8 pm**  
**Victoria Hall**  
33 West Victoria Street

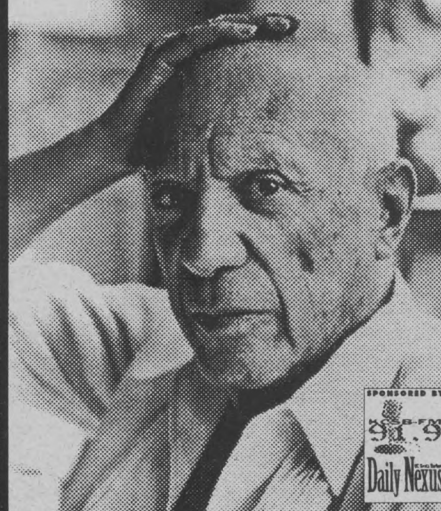
Unconventional, irreverent, exuberant and fierce, two powerful writers join forces for a compelling evening of poetry and performance.

Students: \$5,  
in advance and at the door

**FILM**

## The Mystery of Picasso

"Pure and delightful enchantment"  
*Art Times*

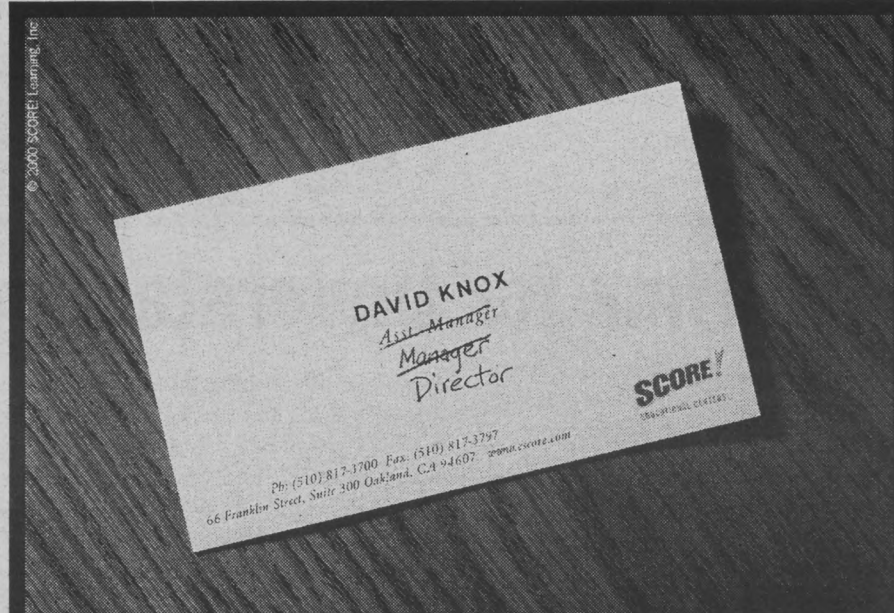


**Sunday, May 13 / 7:30 pm**  
**Campbell Hall**

Pablo Picasso's genius is vividly documented as he paints 23 original works that survive only on this treasured French film from 1956.

Students: \$5,  
in advance and at the door

**Tickets/information: 893-3535**   **www.artsandlectures.ucsb.edu**



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Learn more about SCORE! at our Info Session tomorrow, May 8th at 6:00 pm in the Lombro Room in the U-Cen. Call your career center for details! Remember to drop your resume on-line through GauchoView.

**You look horrible.**  
Get some sleep for God's sake.

# Opinion

## Find Time for Understanding During Queer Pride Week

STEVEN RUSZCZYCKY

The phone rings at 3:30 in the morning and for a minute I think it's my alarm clock. After letting loose a string of curses that would make a biker blush, my eyes drag over to the phone. My friend Chris from back home is on the other line, and he's in tears.

I dig the last few grains of sleep from my eyes with my fingernails and ask him what's wrong. Five minutes flash by on the digital clock before he can speak.

He says he hasn't been able to sleep, pure and simple. He says he's been awake for four hours crying in his darkened room over a case of insomnia. Bullshit. You're not friends with someone for four years without being able to tell when they're trying to feed you a line. I ask him again, this time letting him know that it's now 3:45 and I have class in the morning.

Between the sobs, he says he hates himself.

Chris came out to me three years ago, and I told him I was okay with it. The tension eased at the lunch table and I changed the subject. He looked at me, his eyes telling me that I should say something more, but he'd just dropped a bomb shell, and I didn't feel like going into it. We never went into it.

Three years later, he's on the phone with me. There's another silence before it all breaks loose, a flood of worry and doubt and fear and pain that he's been keeping inside him for God knows how

long. Now it's rushing through the phone at me, making my ears ring. He tells me how his mom heard him crying earlier, when she asked him what was wrong he almost came out to her. Chris tells me about the guy he had met on a date who then promptly left him because he was "too fat." He tells me that he wishes he wasn't gay.

I can't think, my head is starting to throb and the clock reads 4:45 in glowing red digits. I resort to knee-jerk answers: things will get better, it's really late, I'll call him tomorrow and we can talk then.

After I'm done making my excuses, all I hear is the slight hiss of static on the line. I can feel that same look he gave me three years ago during the lunch break, now crossing 160 miles of telephone wire, but I still ignore it. I have an early class in the morning. I have a headache.

He says good-bye, and the phone finds its way, after some work, back onto the cradle.

The next day he tells me he feels better, that he was considering killing himself before he called me. My stomach turns to lead and I feel the sudden need to crouch in front of the toilet as the burger I ate for

lunch starts doing back flips. I realize that Chris is being nice to me by being so cheery. He's trying his best not to let on that I fucked up, but it doesn't work. It's then that I say what I had two chances to say already: I'll be there for you if you ever

fear about being discriminated against or harassed because of whom we date. I don't think any of us have lost sleep worrying about being heterosexual.

We're blind to a lot of the issues that queer folk have to deal with, and it's a shame. Maybe we don't realize that there is more to it than being either in or out. Maybe we don't want to know. Maybe having a gay friend is more difficult for us to take than we let on.

My tongue still swells to the size of my foot every time I try to tell a gay friend that they can come to me if they ever need to talk to someone, that I'm willing to sit down and try to understand. It is hard to do and it hasn't gotten any easier, but I know it's right by the look on my friend's face afterward. It's a hopeful light that fills the darkness you get when you tell them it's 4:45 in the morning and that you have an eight o'clock lab. It's a look that makes the awkward moments more worth it.

We all need to start taking the time to understand what life is like for our queer friends. It's Queer Pride Week now, so go out and take advantage of all that's being offered. It's important for everybody, and if I catch you making rude comments or tearing down signs, rest assured you'll go to your grave with my teeth in your throat.

*Steven Ruszczycky is a sophomore English major and biopsychology major.*



ERIC LISTER / DAILY NEXUS

need to talk, and I promise I won't hang up until you feel better.

Being gay is a big part of someone's life, but by no means is it everything. It is, however, something the rest of us take at face value. Straight people don't have to worry about their parents hating them or their friends leaving them. We have no

### The Reader's Voice



#### CONSERVATIVE LETTERS USE FEAR TACTICS, 'FUZZY MATH'

Editor, *Daily Nexus*:

Looking at the May 1 opinion section, I couldn't help but be alarmed by the amount of material written by UCSB's own branch of the College Republicans. While I have no problem with the College Republicans having their say, I do not agree with the tactics they used persuade people to see issues their way.

In Gordon Silliker's letter (*Reader's Voice*, "U.S. Missile Shield Is Best Protection From Attack"), the primary mode of persuasion is fear and ignorance. Silliker tries to get students to support President Bush's missile shield, which is basically a revival of former President Reagan's "Star Wars" project. What was wrong with Reagan's plan is essentially what is still wrong with Bush's plan: All the experts say it won't work. The real reason for the construction of such a defense program is to placate workers at Lockheed and other weapons contractors who generally vote Republican. Silliker uses fear tactics to convince people to see things his way. He manages to break down international relations into a five-paragraph manifesto of people endlessly trying to blow each other up. It's a thought that I find ill-conceived and juvenile.

More offensive than this was Martin Doyle's letter about President Bush's tax plan (*Reader's Voice*, "Rich or Poor, Bush's Tax Plan Collects Fair Dues"). Doyle makes a contradiction in his effort to correct Ivan Perez's "ignorance of the tax code" (*Reader's Voice*, "The Rich Can Afford to Bear the Brunt of Taxes," April 30). I don't understand how a family of 4.3 people that pays no taxes can get a tax credit. Perhaps Doyle is using "fuzzy math."

Doyle uses an exclusionary tone and solution in his recommendation for those who don't agree with American fiscal policy. He suggests that people who don't agree with our version of capitalism move to Sweden. Doyle misses the beauty of the American political system; it is one of change. In America, people have the inalienable right to fight for what they believe to be true.



SHADI MUKLASHY / DAILY NEXUS

If people have fundamental problems with either capitalism or socialism then they have the right not only to voice their opinions but also to try to implement what they believe to be correct. This is the true nature of liberty.

Doyle was recently appointed to Associated Students Legislative Council. It is unfortunate that, in his letter, Doyle writes, "This is America, and we pay people what the market says they are worth." In his new position, Doyle is supposed to represent all students who live off campus. How will he be able to represent students from economically disadvantaged households equally when middle-class and wealthy students are worth more in this market economy that he praises? I don't believe he can.

ADAM KAISERMAN

Letters to the editor **MUST** include the author's **FULL** name, phone number, year and major.

#### STATE-CONTROLLED POWER IS BETTER THAN NUCLEAR

Editor, *Daily Nexus*:

This letter is in response to Michael C. Warnken's column (*Daily Nexus*, "A Summer of 'Gray-Outs,'" May 1). How Warnken concludes that the California energy crisis is Gov. Gray Davis' fault is quite beyond me, and he doesn't bother to explain.

Deregulation, led by former Gov. Pete Wilson's administration, is to blame for the current crisis, not environmental regulations. The utilities, in a quest for quarterly profits, decided they didn't want to be in the power production business, and sold off all their power generating capabilities. After all, following deregulation they could buy power cheaply and make a tidy profit without those messy power plants. The winds shifted, and the utilities got their asses ripped out. As in the Savings and Loan deregulation fiasco, the taxpayers are left holding the bag.

Warnken says that if Davis "is seriously thinking [about the state using eminent domain to confiscate power plants], someone should tell him to resign right now." He then says that the government is not capable of running a power plant. The government is building a space station; it developed the atomic bomb and put men on the moon. And as far as power, under the Rural Electrification project in the 1920s, the government successfully provided power to the entire United States, with enormous benefits to the U.S. economy. The U.S. government seems pretty capable to me.

Finally, Warnken is "excited" by the idea of Arnold Schwarzenegger debating Davis. He says all Arnold has to say is "It's time to go nuclear, baby," and all will be solved. Perhaps Warnken popped out from a screening of "The Last Action Hero." But I don't think Californians are going to go for electricity at double the price, while producing some of the most deadly materials known to man. There are better ways to heat water.

B. CLAY COOPER

# EVANS

Continued from p.1

While incarcerated, Evans became an AIDS peer counselor and a jailhouse lawyer, supporting the rights of prisoners who had been separated from their children. She was also active in raising funds to help free fellow political prisoner Mumia Abu-Jamal from his death sentence in a Pennsylvania prison.

"[Linda's] main message is her spirit of love for people and her passion for justice," Fujino said. "She's always working, no matter what. Even in prison she found ways to help people, to improve prisoner rights."

Evans said she thinks the sentence was a result of the FBI pushing to abolish public political organization. Although this view will be used as a foundation, Evans will be emphasizing sexuality in her talk Tuesday.

"Because it's Gay Pride Week, I wanted to talk about unity and why I think it's important for transgender, transsexual and bisexual people to fight for unity," she said.

Evans' written work on political and female prisoners, like herself, has been published in prison-affiliated newspapers. She is currently working on a

master's thesis on the global economy. Evans said in her political stand she has not been fighting just for others' rights, but for her own as well.

"Really, I'm fighting for a better world for myself, too. When you're struggling for justice, you're struggling for a better place for everyone," she said. "I hope [students] will become conscious of the situation of political prisoners and become active in supporting them

**The government wasn't powerful enough to break my spirit. Don't give up. You're not alone.**

**- Linda Evans political activist**

and supporting their release."

Tony Samara, a graduate student in the sociology department, said he supports Evans' cause. According to Samara, 40 years is the longest sentence anyone in the U.S. has ever received for her offense.

"Here's someone who was willing to put her life on the line," he said.

"When she went into federal prison she continued to organize, and if she can do that on the inside, then certainly we can work on the outside."

The MultiCultural Center and the Women's Center are sponsoring Evans' appearance. Sharon Hoshida, Women's Center program director, said she thinks students can benefit from Evans' anti-imperialist views because she speaks from multiple perspectives.

"[Evans] stands as a living role model, as a political activist. She's engaged herself wherever she happens to be: during the 60s, the anti-war movement; during the 70s, the anti-imperialist movement. Wherever she sees an injustice, that's where she focuses her attention," Hoshida said. "This is an opportunity to hear somebody who has been a participating activist for 30 years. Her knowledge could provide blueprints for what we can do today."

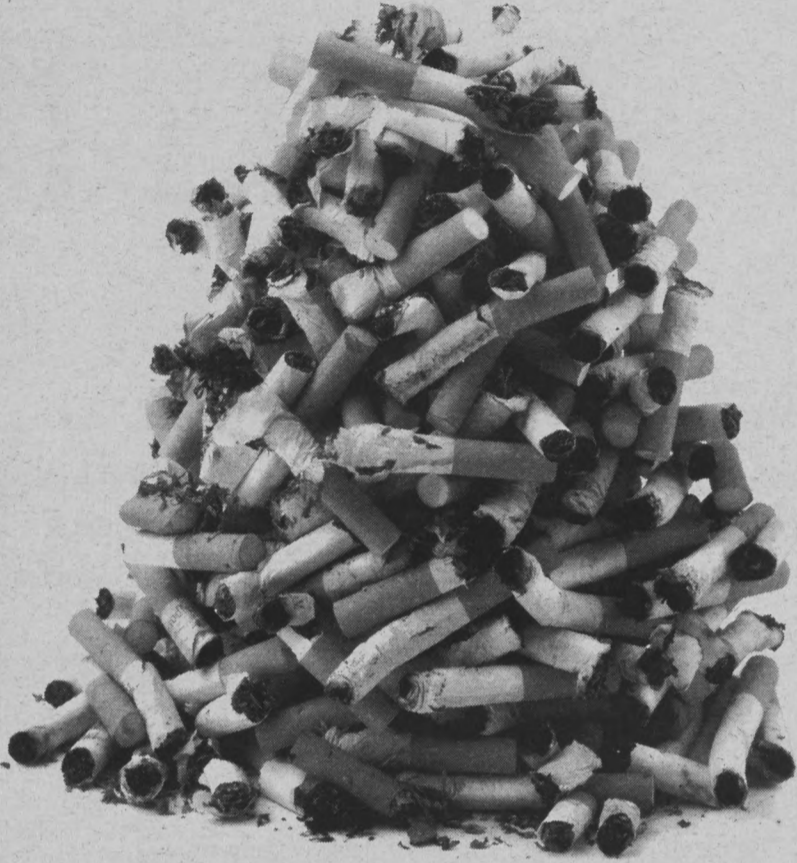
Evans said it is important Americans do not allow the government to set the boundaries for society.

"The government wasn't powerful enough to break my spirit," Evans said. "Don't give up. You're not alone."

"Humility is no substitute for a good personality."  
— Thomas Jefferson

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# Feature

## STRANGE ALCHEMY

Twenty Years Ago UCSB Gambled on String Theory. It Was A Good Bet. World-class physicists now redefine the cosmos from beach-front offices. They have money, they have fame, and they have the world baffled.

BY ERIC SIMONS  
Staff Writer

Steve Giddings comes into his office most mornings and sits down at his desk with a piece of paper and a pencil.

Then, he stares off into space. The 38-year-old physicist, who rides his bike to campus and likes rock climbing, is trying to solve some really difficult physics questions.

Such as why, for example, the pencil he is holding, which seems to be a perfectly normal pencil, actually might exist in 11 dimensions. But then, so do all other pencils, as well as Giddings himself, the room and the rest of the universe.

It's a sticky problem.

"We've believed there are three spatial dimensions since our first inkling of what dimension is," Giddings said. "Now this may change."

This is the extraordinary claim of string theory, which says there may be as many as 11 dimensions, possibly including large sideways dimensions that we cannot point to or see.

The theory also claims that the elementary building blocks of the universe are tiny, one-dimensional, vibrating strings.

It's weird. Very weird.

But more and more physicists agree that string theory could provide the answer — the one, single theory — that will unite everything in the universe under one mathematical framework, and explain all the matter and forces in it.

"If string theory describes the universe, this is certainly a revolution of the caliber of the discovery of relativity or quantum mechanics," Giddings said. "If it really fulfills its promise of being a theory of all physics, it rises to

an even higher level."

The only trouble is the math is so complicated that they aren't quite sure yet exactly what their theory is.

"We have neither the equations, nor the math," Institute for Theoretical Physics Director David Gross said.

In other words, they've got the theory; they just don't know what it is.

Experiments?

A direct test of string theory is entirely out of the question.

Although it is more than 20 years old, string theory is still in the realm of theoretical physics. But it's getting a lot of theorists excited, and some big-name physicists have jumped onboard — like Stephen Hawking, who, in addition to being one of the world's most visible astrophysicists, is a frequent visitor to UCSB. He has said he enjoys

and the luck — to choose wisely.

Now, as established physicists, both Gross and physics Professor Joseph Polchinski have permanent ocean-view offices in the Institute for Theoretical Physics. Giddings and physics Professor Gary Horowitz have temporary offices there. All four of them have prestige. They have serious research money.

And they still have most of the world, including professors in their own department, baffled as to what they actually do.

### What is String Theory?

The basic idea of string theory is easy enough: The elementary particles of the universe are one-dimensional, vibrating loops. Different vibrations of the loop, or string, correspond to different elementary particles or forces. Their actions can be

For most purposes, this standard model works perfectly for describing the world.

But it has one huge problem. In a universe made up of dimensionless particles, two of the pillars of modern physics — relativity and quantum mechanics — are incompatible.

Albert Einstein's relativity, which claims that gravity is caused by the bending of space, relies on an assumption that space is smooth. The theory claims that an object slightly warps the space around it and that other objects in that space will change their movement through space, because of the disturbance. Space needs to be smooth to accurately transmit the effects of gravity.

Quantum mechanics, which describes the universe only on an incredibly small scale, claims that the subatomic world is a seething, tumultuous mess. Because of a theory called the quantum mechanical uncertainty principle, a particle's location and speed cannot be simultaneously determined. Instead, physicists rely on probabilities, meaning that particles, on a quantum mechanical scale, could be several different places other than the spot where they appear to be.

require both quantum mechanics and relativity. And here, everything breaks down.

Physicists trying to combine quantum mechanics and relativity to describe black holes get nonsense math. They get probabilities that are greater than one, or probabilities that are infinite, or probabilities that are negative.

Probabilities cannot be infinite, negative or greater than one.

Enter string theory.

String theory gets around this problem because strings, unlike particles, have a dimension. "Picture a rubber band floating through space, only with no thickness," Giddings said. "It would also have to be around  $10^{-33}$  centimeters in size."

Because of this, strings are more constrained in their interactions than particles. All they can do is join to form a third string or split to form two strings. And, since strings are bigger than particles, the interactions spread out over space, and do not take place at one point.

"These two combined," Giddings said, "ease the clash between quantum mechanics and general relativity."

Good.

Put another way, string theory solves the clash because it eliminates the problem of jittery short distances. Because of the uncertainty principle, to observe shorter distances requires more energy. This, Giddings said, is why physicists have to build big expensive machines to study the fundamental nature of matter.

"In string theory, there comes a point where going to higher energies just makes bigger strings, so you never succeed in observing things at shorter distances," Giddings said. "In a sense, shorter distances may as well not exist."

This means, essentially, that space is smooth, because all the quantum foam can be ignored.

Although it can claim this success, string theorists still have a long way to go — and plenty of questions left to solve. Like,

There may be as many as 11 dimensions; possibly including large sideways dimensions that we cannot see or point to. ...  
It's weird. Very Weird.

the view from the UCen.

Hawking was in Santa Barbara last quarter for a conference on string theory, along with dozens of the world's top string theorists. The people here are widely regarded.

Twenty years ago, UCSB gambled on string theory, investing in an idea that was unproven and untested. The university had the foresight —

described mathematically, giving physicists a way to test strings in different situations.

"The whole idea seems to work quite well in reproducing the basic features of the world," Horowitz said.

Most people are familiar with something else — the idea that matter and energy are made up of dimensionless, point-like particles, like quarks and photons.

"There is a very high probability, of course, that I am sitting right here right now," Gross said. "There is also, however, a very, very small probability that I am on the other side of that wall."

Almost everything in the universe can be described using either relativity or quantum mechanics. But some extreme objects, such as black holes,

for example, what the theory is they are working on.

"In fact, the truth is that we don't really know what string theory is," Polchinski said. "A lot of scientific theories in the past have gone through periods — they take a long time to develop. Maybe you don't have the key central principle for a while. And that's really where we are in string theory."

Why then, if the theory is incomplete, are so many theorists excited?

## The History of String Theory

One explanation is the theory's tremendous successes in the last 20 years.

It started originally as a theory to describe the strong force — the interaction between small particles called quarks that holds the nucleus of an atom together. But string theory had problems, like extra dimensions. In 1973, Gross and a group of researchers discovered quantum chromodynamics (QCD), which seemed to better explain the strong force. Most people gave up on string theory.

Still, a small group kept at it, and soon realized string theory was not a theory of the strong force, it was a theory of gravity. This means that one of the particular vibration patterns of strings has the exact properties of a graviton, a particle with no mass that, in theory, transmits the force of gravity. String theorists point out that everyone before, from Isaac Newton to Albert Einstein, described gravity after observing its effects. String theory's success, they say, is that it necessarily predicts the graviton.

The small group of researchers who had continued studying strings saw this and came up with three different theories, each using the same building blocks — strings — but with slightly different parameters. While the three were exciting because they provided the consistent theory of quantum gravity, they seemed impossible, Gross said, and once again, string theory seemed stuck.

But in 1984 there were several important developments. Michael Green, then of Queen Mary College, and John Schwarz, of Caltech, figured out a way to eliminate some mathematical inconsistencies in string theory, allowing the different vibration pattern of strings to more closely correspond to the particles seen in nature. Building on this, Gross made a new discovery that propelled string theory back into popularity and started the first "superstring revolution."

That discovery was of two new kinds of string theory, called heterotic type  $E_8 \times E_8$  ("pronounced E eight times E eight") and heterotic type  $O(32)$  ("pronounced 'oh thirty-two').

For some abstract mathematical reasons, these theories worked better.

In the same year, theorists including Horowitz and then-UCSB Professor Andrew Strominger discovered a way to explain the extra dimensions.

"Then," Gross said, "you had what really looked like the real world."

At this point, Polchinski said, theorists were willing to recognize that the fundamental building blocks of nature were vibrating loops. Even then the theory was not complete and extensive experimentation was too complex.

The answer was not discovered for another decade, but its discovery has been crucial to getting physicists to believe. In 1995, string theorists discovered something called dualities, setting off a second revolution.

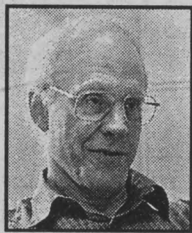
The discovery showed that each of the five string theories was just a different version of one larger theory, and that each could be transformed into another. So, as the conditions for one theory are changed to make the math more and more difficult, another theory works in a much simpler fashion.

"The general idea is that just when things seem they are getting very complicated and maximally bad, there is some other simple description," Polchinski said.

Now, string theorists have the one theory, which most call M-Theory, to unify the five string theories and explain the universe.

"It's called the ultimate theory of everything, a unified theory," Gross said. "It seems to have the ability to answer all the questions we might want to ask."

### David Gross



At 60, Gross is one of UCSB's most prominent theorists. His contributions to theoretical physics, particularly the discovery of QCD, have led to speculation that he has been nominated for

a Nobel Prize.

For his birthday in early March, Polchinski organized a conference. Hawking showed up and it was not just for the UCen view. Gross is an important man in theoretical physics.

He is a busy man, as well. He conveys a sense of detachment in his voice. And it seems like the people who ask questions

"We've believed there are three spatial dimensions since our first inkling of what dimension is.

Now this may change."

Steve Giddings,  
UCSB Physics Professor

"There is a very high probability, of course, that I am sitting right here right now. There is also, however, a very very small probability that I am on the other side of that wall."

— David Gross, Director of the UCSB Institute for Theoretical Physics (ITP)

"The whole idea seems to work quite well in reproducing the basic features of the world,"

— Gary Horowitz, UCSB Physics Professor

"A lot of scientific theories in the past have gone through periods — they take a long time to develop.

Maybe you don't have the key central principle for a while. And that's really where we are in string theory."

— Joe Polchinski, One of Four Permanent Members of the ITP

below his level are wasting his time.

At the press conference for his birthday party, a reporter asked Gross to describe his contributions to the field. It was a stupid question. The reporter was obviously out of her league and Gross made sure she knew it.

He paused for a minute, while she turned red. "Profound," he said. The room burst into laughter.

The reporter looked like she wanted to disappear. Gross had firmly established his right not

the star of a full-page feature on the top 10 questions physicists face in the coming century. In the photo that dominates the center of the page, Gross poses in the Aspen Center for Physics, hands over a chair, a smile on his face.

### Steve Giddings

Giddings has also been the subject of a full-page piece and a featured photograph.

"I hate that picture," he said. Actually, there are two pic-

tures. One shows Giddings hanging off the side of an icy cliff. The other shows Giddings the professor — pointer slung across his back, standing in front of the chalkboard, a somewhat severe look on his face.

that I cooperated in posing for it without realizing how artificial it would look," he said.

He posed for the *Nexus* pictures in his office, in front of his chalkboard in a sparsely furnished office in the ITP. The office is still new. Giddings only moved in recently, when he began organizing a string theory program for the institute.

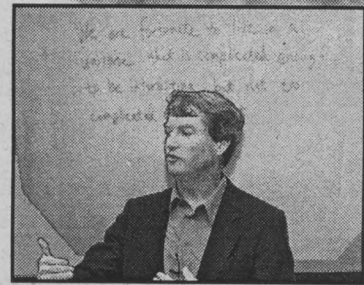
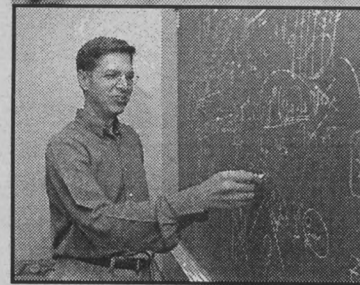
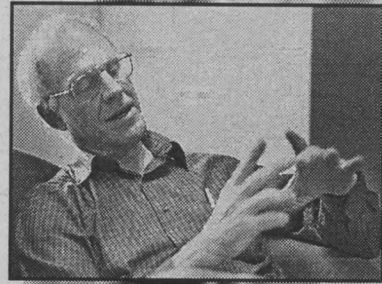
The chalkboard is covered in physics scribbles. So is the pad of paper on his desk. The room is barely furnished. Giddings hangs his bike helmet on a hook behind the door and leaves his sunglasses on the desk.

Giddings has been pictured several times in *Climbing* magazine, including the cover of a special section on ice climbing, and he's climbed in spots all over the world.

"I got started climbing as a high-school kid growing up in Utah; luckily I survived my mistakes," he said. "Its challenges have enriched and inspired my life for many years."

"I'm not sure, but in part I think that climbing breaks some of the stereotypical images of

"What I don't like about it is



"It's called the ultimate theory of everything, a unified theory," Gross said. "It seems to have the ability to answer all the questions we might want to ask."

— David Gross, UCSB physicist

## STRING

Continued from p.7

scientists, which aren't too accurate anyway. I think it's good for physics to break these stereotypes and for people to perceive scientists as human beings with lives and other interests, and to perceive science as a profound but human endeavor."

Giddings is busy these days. One of the ITP's big draws is the five-month conferences it holds once a year. This year, the conference is on string theory and Giddings is one of the chief organizers.

He is hard to catch in the office, but he strides around the building, popping in and out of colleague's offices with the air of a man who has many places to be.

Giddings does this in the middle of an interview with Polchinski, sticking his head in to remind his colleague to go to a conference on neutrinos before passing on to his next appointment.

## Joe Polchinski



Polchinski has one of the nicest offices, probably, of any string theorist in the world. It's on

the second floor of the ITP, with a view of the beach and the coastline stretching down from Goleta Beach to Hope Ranch.

He speaks softly but confidently, and frequently jumps out of his chair to draw on the chalkboard. It's much easier to explain string theory with the aid of pictures.

But it's still hard to conceptualize. Polchinski said his 14-year-old son, Steven, asks him to point to the extra sideways dimension, which, of course, he can't.

Steven is one of Polchinski's two boys. The other is 11-year-old Daniel. The kids like sports, particularly roller hockey. Rather reluctantly, Polchinski took the two to see an XFL game several weekends ago.

"Not my idea," he said.

Polchinski and his wife, Germanic Studies Associate Professor Dorothy Chun, are also on a coed roller hockey team with Steven.

At a conference Saturday, Polchinski's family sat with a crowd of 140 high-school physics teachers to watch him speak. Then, long before the conference was over, they headed home to watch the NHL playoffs.

## Gary Horowitz



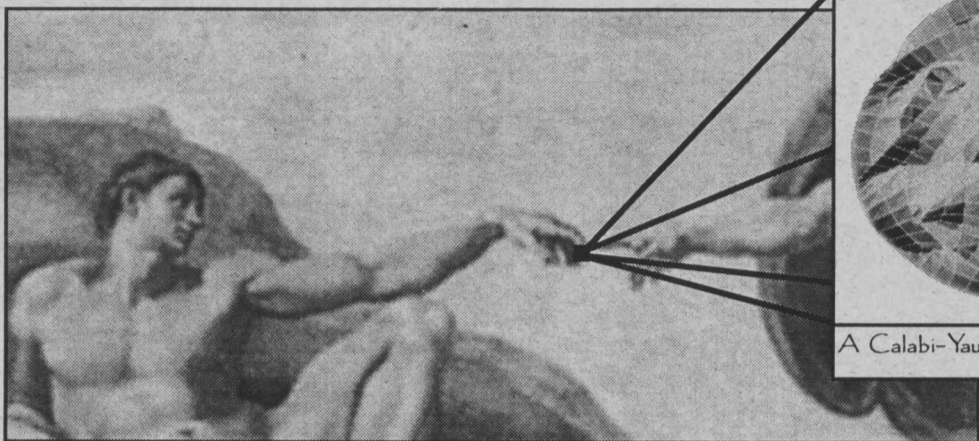
Horowitz moved into the ITP recently, and temporarily, to organize that conference.

The goal was to bring high-

school physics teachers up to date on the latest in physics with a series of lectures by high-profile string theorists.

Although he directed the conference, herding teachers in and out for refreshment breaks and reminding them to pick up their ITP hats, Horowitz seemed to stay out of the way.

He seems, generally, to prefer life out of the limelight. He



According to string theory, you move your finger through three perceptible dimensions and, possibly, 6 more unimaginably small dimensions. These multidimensional objects called Calabi-Yau shapes, which may make up the cosmos, would exist far beyond the range of current high-powered particle accelerators.

walks on the beach and enjoys gardening, a far cry from Giddings' adventures on the mountain.

Horowitz looks and talks like a teacher. His voice is quiet but steady, and he explains concepts clearly. He usually teaches one course a quarter, although he took Spring Quarter off to organize the conference.

It seems odd that a man who took part in the explanation for extra dimensions and who has worked closely to study black holes has regular office hours.

Nonetheless, he's there, in his new ITP office, in a button-down shirt and a sweater, just like the stereotypical physics teacher.

**"A lot of it is geometry, the shape of things. Once you have six dimensions and things aren't round, they're kind of lumpy ... it kept mathematicians busy for centuries trying to characterize different shapes."**

— Joe Polchinski, UCSB physicist

His new office is a significant step up from the old one on the third floor of Phelps Hall. It still looks new: The ethernet outlet on the wall has not been covered up, leaving an exposed yellow cable climbing around the room under the chalkboard.

But the view of the ocean and the lawn beneath the ITP is much better than the view of the airport from Phelps. And, although he said he hasn't taken advantage of it yet, the walk along the top of the bluffs beats the walk past Campbell Hall.

## UCSB

Giddings, Gross, Horowitz and Polchinski make up the core of one of the strongest string theory programs in the country.

"It's pretty neat that a public school like this, and not even the biggest school in the UC system, can compete on this basis," Polchinski said.

Part of that is luck. In the 1980s, when string theory was

orists, is to sit down at the desk — pencil in hand, paper on the desk — and stare off into space.

Polchinski said he spends his research hours reading papers to keep up on new developments and talking to colleagues. When he is fully prepared, he begins his "creative" work.

"The staring off into space bit — I usually do this when pacing, sometimes on the cliffs out-

Called Calabi-Yau shapes, the structures look like a crumpled up piece of paper that is folded over and over upon itself. The theory suggests that these structures are hidden inside the three large dimensions that we see.

## Craziness: M-Theory D-Branes and Extended Dimensions

When researchers discovered dualities in 1995, it was a big deal.

"You can continuously — we believe — transform one of those theories into another one," Gross said. "So there's really only one

theory, but we're not sure what it is."

Most string theorists call that theory M-Theory, although Gross said he prefers to "reserve the name for when it's invented."

One of the implications of M-Theory is that strings are not actually the fundamental objects of the universe.

Horowitz and Strominger had found earlier that in any of the five theories, as the experiment was twisted, the string became a two-dimensional membrane.

Polchinski discovered that there was no reason that there could not be more dimensions, and a new fundamental object, called a brane, was born. A string, which is the best known type of brane, is simply a one-dimensional brane, or "one-brane."

The weirdest part is that branes can exist in any dimension up to nine.

"One might have thought that strings were fundamental, and everything else like these branes were made of them," Polchinski said. "Or maybe it's the other way around, these are the fundamental things and everything else is made of them. Or, most likely, it's some third thing which has some of the properties of each."

The discovery of branes has left string theorists "groping to discover what the theory really is," Giddings said. Now, they'd like to know what, exactly, the fundamental objects in string theory are.

"Meanwhile," he added, "we know enough to discover a lot of other interesting phenomena, like the possibility that the extra dimensions are much larger than previously thought. These are very interesting times."

Interesting indeed. One of the speculations from the Gross birthday conference was that the extra dimensions in string theory may be larger than previously thought.

Big meaning either smaller than a millimeter — at that length the extra dimension could be detected by particle accelerators — or big meaning

in doubt, skeptics questioned whether string theorists should be hired. UCSB was one of the few places that had the interest in recruiting some.

"They brought really good people here," Polchinski said. "And it's great. Berkeley has none. On most fields, Berkeley is on the top of the UC system. UCLA has a few people, but not on the caliber of here. But Santa Barbara ..."

The other, bigger part of UCSB's strength is the ITP. The conventions, which usually draw the best minds in the field, are a big aid in recruiting. The constant exposure to visiting scholars helps to advance research and keeps the top people coming here.

side the ITP," he said. "I used to play a lot of chess, and this is much the same: moving pieces around to see whether one can find a good pattern."

With all the pacing done, Polchinski moves on to the math.

"A lot of it is just very nasty calculus. Derivative and integrals, just technique piled on technique," he said. "A lot of it is geometry, the shape of things. Once you have six dimensions and things aren't round, they're kind of lumpy ... it kept mathematicians busy for centuries trying to characterize different shapes."

String theory has been very exciting for the mathematicians, who get to invent new math and new structures to help define the 11-dimensional universe.

## How One Works On String Theory

String theory is not an individual process. All four of the researchers said they spend considerable time reading other people's papers and conferring with other physicists.

Giddings said the campus string theorists have lunch together to talk physics, and usually go to two formal seminars per week.

The other activity Giddings engages in, popular among the-

Edward Witten, one of David Gross's former students, has been a pioneer in this field. Witten is a math genius who looks like a math genius — shocks of hair reminiscent of Einstein and a nervous voice.

He's been responsible for much of the math behind string theory, including, along with former UCSB professor Andrew Strominger, one explanation for the other six dimensions. Those dimensions are curled up in six-dimensional shapes, so tiny that they are beyond the reach of the most sophisticated detection equipment.



# STRING

Continued from p.8

the extra dimensions could be infinite.

Either way, the extended dimensions can be kept hidden by impurities in smooth space.

Essentially, people could be stuck in one of these impurities. And since everything scientists would use to probe the space, like light, is also stuck in the impurity, it is possible that the extra dimensions could stay hidden, beyond the reach of humans.

It is generally assumed that gravity is not stuck to the impurity, so experiments using gravity could detect any dimensions larger than a millimeter.

Still, Polchinski said, "The fact that they could be that large was a surprise."

The other possibility, which was suggested only recently, is that gravity is also stuck in the impurities.

"In that case, you really could be sitting at a point in a much larger space, in these sideways directions

This seems, in part, to explain the staring off into space bit. The idea is still so speculative that the researchers who first suggested the large extended dimensions came up with the idea not through con-

firmation, but because experiment hadn't ruled it out.

"The surprise," Polchinski said, "was that it wasn't obviously wrong."

If the dimensions do turn out to be large and extended, they could conceivably be discovered with better particle accelerators. Sooner or later, when two particles are smashed together with enough force, one of them will fly off in the extra dimension.

"That's speculative, and it could very well be that

the old picture, where [the dimensions] are scrunched up into little balls, is correct," Gross said. "There are possibilities, and we'll have to wait for nature to tell us what the story is."

**"The staring off into space bit — I usually do this when pacing, sometimes on the cliffs outside the ITP. I used to play a lot of chess, and this is much the same: moving pieces around to see whether one can find a good pattern."**

— Joe Polchinski  
UCSB physicist

that I can't point in, and you would have no way to know directly," Polchinski said. "Because all of the things you would be trying to use to see this direction, they don't go that way."

## The Daily Nexus.

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Organic Oaty Bites	3.99	5.29
Organic Heritage Bites	3.99	5.29
Unsprayed Valencia Oranges (per lb.)	.49	.59
Organic Horizon Yogurt - all flavors (8 oz.)	2/1.00	.99
Organic Garden of Eatin' Corn Tortillas (10 oz.)	.49	.85
Tofutti Cuties - Mint		
Chocolate Chip (8 pak)	1.49	2.95
Organic Almonds (per lb.)	5.50	6.99
Organic Hemp Plus Granola (per lb.)	1.99	2.65
Peanut Butter Pretzels (per lb.)	4.85	5.79
Gunpowder Green Tea (per lb.)	19.95	28.25
Emergen C - All Varieties (1 box - 36 env.)	9.99	10.39 - 14.65
Nature's Gate Shampoos & Conditioners (8 oz.)	2.99	5.59
Enviro-Tote Bags with Co-op Logo	8.99	9.75
I.V. Food Co-op T-Shirts, Short Sleeved:		
Double Sided	9.99	13.25
Single Sided	9.99	10.75
Mad River - Steel Head & Jamaica Brews	5.99	6.99
Santa Barbara Pinot Noir Wine	11.99	20.00

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## Why Do You Still Smoke?

<input type="checkbox"/> Smoking makes me feel relaxed.	<input type="checkbox"/> My coworkers smoke.
<input type="checkbox"/> Smoking gives me energy.	<input type="checkbox"/> I'm in the middle of a job change, getting an education, moving to a new city, getting married, a loved one's death or illness, etc.).
<input type="checkbox"/> I need a cigarette to wake up.	<input type="checkbox"/> It's probably too late to save my health.
<input type="checkbox"/> I need a cigarette to get to sleep.	<input type="checkbox"/> Smoking is part of who I am—my identity.
<input type="checkbox"/> I need a cigarette with my coffee.	<input type="checkbox"/> I wouldn't know what to do with my hands.
<input type="checkbox"/> I want to keep my weight down.	<input type="checkbox"/> I've tried to quit; I just can't do it.
<input type="checkbox"/> All my friends smoke.	<input type="checkbox"/> _____
<input type="checkbox"/> I have no willpower.	<input type="checkbox"/> _____
<input type="checkbox"/> I'm too addicted to nicotine.	
<input type="checkbox"/> When I drink, I always light up.	
<input type="checkbox"/> I light up without even noticing it.	
<input type="checkbox"/> Smoking makes me feel in control.	
<input type="checkbox"/> Smoking helps me handle stress.	

Need help coping with these roadblocks?  
**FREE CLASS TODAY**

Mondays 12:00-12:50 OR Tuesdays 12:00-12:50  
Goleta Valley Room Conference Room  
UCEN Student Health  
Come to any Monday Or Tuesday Session beginning 4/16/01

Open to Students, Faculty and Staff. Questions? Call 893-8721  
Paid for by Tobacco Prevention Settlement Program. Santa Barbara County Public Health Department.

**SPECIAL NOTICES**

GRAND PRIZE \$250!  
"UP IN SMOKE" Art/design competition to promote no smoking. 2nd place \$125. Two 3rd place \$50. All media accepted. Ques? Call 893-3191.

**PERSONALS**

Met you 4-27 in Borders. You bought CDs by Tom Waits & Beatles. We talked over plush snakes. Talk again? Call me! 971-1343.

**HELP WANTED**

Apply for UCSB internships 2001-2002 Academic year. Open positions: Goodspeed Internship at Office of the Vice Chancellor for Student Affairs, Capps Internship at Office of Student Life, & Flacks Internship at Associated Students. Paid positions and gain valuable leadership experience. DEADLINE TO APPLY: MONDAY MAY 14 @ 5:00pm. Applications available at AS, OSL, and Student Affairs. INFO: Mel Fabi, 893-5085 or fabim@sa.ucsb.edu.

**SOJOURN INC.**

Facilitator/ Care Provider - Full/Pt weekday, evening positions avail. Exp w/ behaviorally challenged adults pref. Fax resume to Sojourn Inc. (805) 685 - 2210 or call (805) 685 - 2150

Apply now for ideal summer part position. Openings for beach and pool lifeguards. Ocean Recreation and Jr. Lifeguard instructors. Aqua Camp Counselors, Clerk/Cashiers. Apply City of Carpinteria, 5775 Carpinteria Avenue, Carpinteria, CA 93013 (805)684-5405, ext 432.

Camp counselors / Instructors / Lifeguards , at Day Camp in Agoura Hills / Malibu . \$200 - \$350 / week. Call (818) 706-7335.

**COLOR GUARD INSTRUCTOR**

San Marcos High in Santa Barbara: Immediate opening. Monthly salary, championship program! Contact Band Director Dan Garske: 967-4581 x 259 or email: garske@home.com.

**CUSTOMER SERVICE POSITIONS**

\$11 - \$17/HR PART/FULL TIME W/ FLEXIBLE HRS, PAID VACATIONS & HOLIDAYS. IMMEDIATE OPENINGS IN SANTA BARBARA AREA. CALL N.E.S. @888-621-7194.

Customer Service / Retail Service - Immediate openings. Ideal for students \$14.25 Base, no exp. nec. Scholarships possible. Flex hours, conditions apply. Call M-Th. 11-3 p.m (805) 968-6263

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OUTBOUND TELEFUNDRAISING  
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MON-THRS 4PM TO 9PM  
UP TO \$15/HR AVG  
681-1044 ASK FOR CHRIS.

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**SANDWICH MAKER COOK**  
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**2nd floor UCEN 570 - 2333**

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# On Campus This Week

**I.V. Theater movie night**

**TRAFFIC**

Directed by Steven Soderbergh  
Screenplay by Stephen Gaghan

\$3 stu. \$5 gen.

Tuesday, May 8 7:30 & 10:00pm

**ASPB**  
Events

[www.as.ucsb.edu/aspb](http://www.as.ucsb.edu/aspb)

Hotline: 893-2833

**EXTRAVAGANZA**

June 2

rob Field

**Big Wednesday**

Max Field  
Rabbit

May 9  
UCen HUB  
3:00-5:00  
FREE!!

## Leadership 2001 spring series

WEDNESDAY, MAY 9, 5 - 6:00 PM

### Setting It Up for Next Year

Explore creating a calendar and developing goals for your organization for next year to ensure its continuing success. Share ideas for planning programs now for next year; discover why it is important to stay in touch with members and UCSB staff and resources over the summer. Learn how to make use of the WEB during the summer months and how to plan an officer retreat for the fall.



Office of Student Life • SAASB 2201 • 893-4550

Associated Students  
**PAID SUMMER  
POSITIONS OPEN!!**

start  
now

Isla Vista Tenants' Union  
OFFICE MANAGER

- Bi Lingual Preferred
- Work Study Preferred

Main Office Secretary

- Work Study Preferred
- Broad Knowledge of  
Campus Activities Preferred

Applications available in AS Main Office

### KCSB's First Annual Bowling Night

featuring 12 KCSB DJs  
spinning a diverse mix of  
music while you bowl the  
night away



May 9th  
Yes!  
That's this  
Wednesday!

9 PM - Midnight  
@ Orchid Bowl

All events are free unless otherwise noted.

#### All Week

**ATTENTION CAMPUS ORGANIZATIONS:**

UCSB Activities are also available on-line:

<http://event.sa.ucsb.edu>

UCSB Organization Directory is on-line:

<http://www.sa.ucsb.edu/campusorgs/>

Your On-line access lets you publicize your activities in the UCSB Events Web Calendar and Monday Nexus Calendar Page

**Student Affairs** also offers free web page hosting. Registered groups can apply on the web <http://orgs.sa.ucsb.edu/webaccounts>

**Student Life** has a posting service. Drop off 7 flyers at the front desk. Flyers not posted and stamped by OSL will be removed from the kiosks.

**Margaret T. Getman Award** Nomination forms now available at the Office of Student Life. Web site <http://www.sa.ucsb.edu/getman>. Deadline: May 10

**Internship Applications** are now available at the Office of Student Life and at Associated Students:

**Stephen S. Goodspeed Internship** -Office of the Vice Chancellor for Student Affairs

**Walter H. Capps Leadership Internship** -Office of Student Life

**Richard Flacks Leadership Internship** -Associated Students

Internship Applications are due to the Office of Student Life by May 14th by 5:00 P.M.

#### Monday, May 7

**Associated Students** 6-8 pm. Shoreline Preservation Fund meeting, UCen S.B. Mission  
**Associated Students** 8-10 pm. Isla Vista Community Relations Committee meeting at Isla Vista Community Center, behind DejaVu.

**Swing and Ballroom Dance Club** 8:30-10:30 pm. Weekly practice meeting, come dance! Rob Gym 2320 <http://orgs.sa.ucsb.edu/sbdc>

**Wrestling Club @ UCSB** 9-11 pm. Open practice, all welcome. Rob Gym 2120

#### Tuesday, May 8

**Business Economics Association** 12 am. No meeting this week, see you next week.

**Counseling and Career Services C&CServ** 1109 <http://www.career.ucsb.edu>

**Associated Students** 5-7 pm. Community Affairs Board meeting, CAB office, UCen 2523  
**Zen Sitting Group @ UCSB** 6:15-8:15 pm. Join us on Tuesdays in Girvetz 1108 and Thursdays in Girvetz 1106 at 6:15pm (sitting begins at 6:30pm) for sitting and walking meditation, reading and discussion. Everyone is welcome regardless of (if any) religious affiliation and no meditation experience is necessary. For more info, contact Rob Roy at [supergrover@earthling.net](mailto:supergrover@earthling.net) or (805) 961-8070.

**Asian-Pacific Student Union** 7-9 pm. General meeting, EOP 406 conf rm. <http://www.homestead.com/ucsbasu>

**Associated Students** 7-9 pm Environmental Affairs Board meeting, SH 1431

#### Wednesday, May 9

**Front Porch/Presbyterians of Reasoned Christian Hope** 7:30-8:30 am. Worship — a place to meet God in the middle of your week. Elements of worship centered around praise, prayer, scripture and communion. UCen Goleta Valley

Location: UCen - Goleta Valley

**St. Mark's Catholic Student Organization** 12-1 pm. Noon Mass at the UCen, gather with fellow Catholic students, faculty, and staff for mass at the UCen. The short service is usually small and personal, and is a great way to take a break from a busy day at work at school. Anacapa Res Hall

**Arts & Lectures** 4-6 pm. Writer's reading: Dana Gioia. MCC Theater. <http://www.artsandlectures.ucsb.edu/lecture.htm>

**Counseling and Career Services** 4-5:30 pm.

Information Session: MSW Program California State University, Channel Islands provided by teaching faculty in the Masters in Social Work Program offered by CSU, Long Beach at the new Channel Islands campus in Camarillo. Co-sponsored by the National Association of Social Workers, Santa Barbara Chapter. C&CServ 1109 <http://www.career.ucsb.edu>

**Office of Student Life** 5-6 pm. Leadership Series: Setting It Up for Next Year, OSL conf rm. <http://www.sa.ucsb.edu/osl>

**Students Stopping Rape** 5-6:45 pm. Meeting, Women's Center Library

**Habitat for Humanity, Campus Chapter at UCSB** 5:30-6:30 pm. Meeting, HSSB 1227. <http://orgs.sa.ucsb.edu/habitat>

**Comic Artist's Co-op** 7:30-9 pm. Weekly meeting, Info please contact Mark Smith at 971-5213 or [Smitty@umail.ucsb.edu](mailto:Smitty@umail.ucsb.edu). UCen S.B. Mission

Location: UCen - Santa Barbara Mission  
**Wrestling Club @ UCSB** 9-11 pm. Open practice, Rob Gym 2120

#### Thursday, May 10

**Counseling and Career Services** 2-3 pm.

**Resume Writing When You Don't Know What You Want to Do**, C&CServ 1109

<http://www.career.ucsb.edu>

**Counseling and Career Services** 3-4 pm.

Basic interview skills, C&CServ 1109

<http://www.career.ucsb.edu>

**Regents and Chancellors Scholarship Society (RCSS)** 5:15-7:30 pm. Spring Seminar and Dinner — our biggest spring quarter event, a seminar and discussion on the topic of Nature vs Nurture and their impact in our lives.

Speakers include Professor Cosmides (Evolutionary Psychology) and Professor Roof (Religious Studies). The discussion will be followed by dinner and dessert. Be there. Visitor Center — Conference Room N/A

<http://orgs.sa.ucsb.edu/rcss>

**Associated Students** 5:30-7:30 pm. AS Community Affairs Board Volunteer Appreciation Ceremony, all welcome to attend. MCC Theater

**Zen Sitting Group @ UCSB** 6:15-8:15 pm. Join us on Tuesdays in Girvetz 1108 and Thursdays in Girvetz 1106 at 6:15pm (sitting begins at 6:30pm) for sitting and walking meditation, reading and discussion. Everyone is welcome regardless of (if any) religious affiliation and no meditation experience is necessary. For more info, contact Rob Roy at [supergrover@earthling.net](mailto:supergrover@earthling.net) or (805) 961-8070.

**Associated Students** 6:30-8:30 pm. Increase the Peace meeting, CAB office, UCen 2523  
**Hillel** 6:30-8:30 pm. Hillel Freshman Dinner Downtown — Sick of the dorm food? Here is your chance to get off campus and enjoy a yummy dinner at Carlitos Cafe on State Street. We will provide transportation from Hillel at 6:30 pm and dinner will start at 7. RSVP to 968-1280 by Wednesday May 9th if you are interested.

**Associated Students** 7-9 pm. Academic Affairs Board meeting, A.S. offices, UCen conf

**Arts & Lectures** 7:30-9 pm. Film: Butterfly.

Campbell Hall, general \$6, students \$5

<http://www.artsandlectures.ucsb.edu/films.htm>

**Chinese American Association** 8-9 pm.

General meeting, nominations for CAA, all members come and show support! HSSB 1174

[www.ucsbcaa.org](http://www.ucsbcaa.org)

**Friday, May 11**

**Front Porch/Presbyterians of Reasoned Christian Hope** 5-7 pm. Join us for a free, home-cooked dinner and an intelligent discussion of challenges to the Christian faith: RecCen

**Hillel** 6-8 pm. Shabbat — We are finally settled in our new building so come by 781

Embarcadero to see the new Hillel and stay for Shabbat services followed by a free kosher chicken dinner with vegetarian alternatives.

**Arts & Lectures** 8-10 pm. Writers' Reading, Anne Waldman and Eleni Sikelianos. Presented with the Santa Barbara Poetry Festival. General \$6, students \$5.

<http://www.artsandlectures.ucsb.edu/lecture.htm>

**Chinese American Association** 10-11:45 pm.

Party at Zelo's!! \$10 [www.ucsbcaa.org](http://www.ucsbcaa.org)

**Saturday, May 12**

**Graduate Students Association - Education** 9-4 pm. Facing Futures: Strengthening the Theory-Practice Relationship in Education. Corwin Pavilion

\$10/grad/undergrad/students/teachers, & \$15/general public/faculty/staff. <http://www.education.ucsb.edu/conference>

**Kapatirang Pilipino** 4-6:30 pm. 10th Annual Pilipino Cultural Night — "A Perfect Rose" will showcase Pilipino American issues as well as traditional Pilipino cultural dances, songs, and music, as well as KP's Urban- the hip-hop/modern troupe. Tickets will be sold all week at the Arbor and at the door! Campbell Hall \$10 pre-sale, \$12 at the Door. <http://orgs.sa.ucsb.edu/kp>

**Sunday, May 13**

**Front Porch/Presbyterians of Reasoned Christian Hope** 10 am-12 pm. Bible Study and Brunch, you are welcomed to our study of the Gospel and Sunday Brunch following a 9:00 contemporary service at First Presbyterian Church on State and Constance. For a ride, call 683-1548 ext.23.

**Iglesia Nueva Vida** 10 am-12 pm. Iglesia Nueva Vida Services. Come join us every Sunday to sing, worship GOD and to help build a community. Everybody is welcome, including children and youth groups. (Daycare is provided.) Pastors: Jaime & Maricela Ramirez. If you have any questions, please contact Francisco Vargas 805-683-2225. I.V. Theater

**Wrestling Club @ UCSB** 7-9 pm. Open practice, Rob Gym 2120

**Arts & Lectures** 7:30-10 pm. Film: The Mystery of Picasso. Campbell Hall, general \$6, students \$5.

<http://www.artsandlectures.ucsb.edu/films.htm>