

# THE STANFORD DAILY

An Independent Newspaper

VOLUME 202, NUMBER 3

101st YEAR

WEDNESDAY, SEPTEMBER 30, 1992

## Security report released

By Kimberly Chrisman  
Senior staff writer

Students arriving on campus this week will find a new campus publication, "Safety and Security," in their residences.

But this little yellow booklet, issued by the Department of Public Safety, isn't just a public service — it's the law.

As of the first week of September, colleges must distribute a security report to all students and employees, detailing campus security policies and procedures as well as statistics on crimes and arrests during the past three years.

The mandate is part of the federal 1990 Student Right to Know Act, which requires colleges to release information on campus crime, graduation rates and athletic programs. Only the crime provision took effect this month.

According to Stanford Police Capt. Raul Niemeyer, "Safety and Security" discusses "issues that have already been addressed in one form or another. We're just trying to compile it all in one quick document" in order to comply with the law.

But the reports have come under fire from victim support groups as providing students with a false sense of security.

For example, colleges are required to report only those crimes and arrests which take place on campus, in buildings or property near the campus which are owned or controlled by the school for educational or housing purposes, and on property owned or controlled by recognized student organizations.

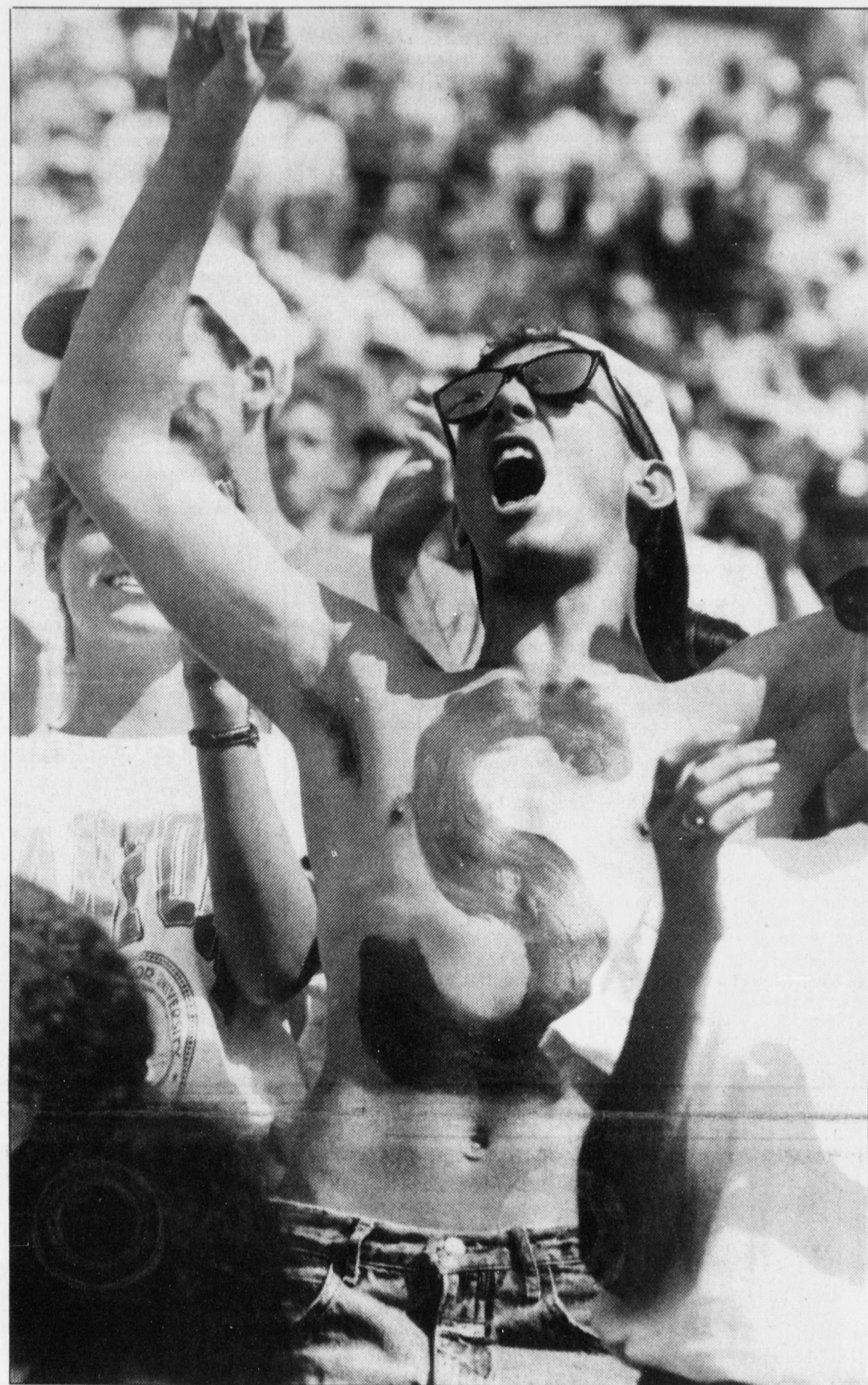
"Safety and Security" lists crimes committed on campus and in the Foothills, according to Stanford Police Chief Marvin Herrington, who compiled the booklet. Crimes involving students committed outside that area are not included in the report.

Because schools are required to list only those crimes reported to the police, statistics for such commonly unreported crimes as rape may be inaccurate or misleading.

According to Caroline Mitchell, coordinator of the sexual assault information and resource center, a 1988 Stanford study revealed that only about 2 percent of survivors

Please see CRIME, page 15

## Gimme an S!



Freshmen get into the spirit of Stanford at Saturday's game. See Orientation photo spread, pages 12-13.

Joshua Folk — Daily

## Thomas' degree delayed 2 years

By Miranda Doyle  
Senior staff writer

Former student Stuart Thomas' degree will apparently be withheld for two years as a result of a University investigation into charges that he sexually assaulted a freshman in Stern Hall last fall.

A summary of 1991-92 judicial cases, released yesterday, shows only one penalty that fits Thomas' case: a two-year delay in degree conferral for "exploitative, manipulative conduct."

A 17-year-old freshman woman reported to Stanford Police in Sept. 1991 that Thomas, then a senior, had raped her in his Casa Zapata room. The case sparked a campus debate on acquaintance rape and the boundaries of consent.

The Stanford Judicial Council held a separate hearing on the case in May after Thomas pleaded no contest in Santa Clara County Superior Court to two misdemeanors — statutory rape and providing alcohol to a minor — in January.

He was sentenced to two years of probation, 100 hours of community service and a \$1,000 fine in the criminal case.

Because the University hearing was not made public, Judicial Affairs Officer Sally Cole said she could not comment on the case nor confirm the penalty.

But she said in June that the Stanford Judicial Council had sent a report to the University president, which only happens if the council finds that the student violated University policy.

Melvin de la Motte, the lawyer who represented Thomas in the criminal case, called the decision to charge him with exploitative, manipulative conduct "bizarre."

"That sounds pretty vague and nebulous," de la Motte said. "If 'exploitative' means that a senior goes out with a freshman and sweet talks them, isn't that what happens all the time?"

De la Motte said he did not represent Thomas before the Judicial Council, but added that it seemed like "some mucky-mucks at Stanford decided he wasn't punished harshly enough and came up with some nebulous phrase."

Having separate criminal and University proceedings "sounds like double jeopardy," he said.

But Kathy Zonana, a senior who

Please see THOMAS, page 2

## Mo' misbehavin'

### Misconduct cases up slightly last year

By Miranda Doyle  
Senior staff writer

The number of campus misconduct cases — including 20 Honor Code and 11 Fundamental Standard violations — rose slightly last year, according to a summary released yesterday by the Judicial Affairs Office.

In 1990-91, there were 28 violations, down from 49 the year before.

But the number of cases isn't really indicative of honesty at Stanford, according to Judicial Affairs Officer Sally Cole, because she has "no idea what the real incidence of misconduct is."

Fundamental Standard offenses included assault, false allegations, harassment, theft and falsifying data. Penalties ranged from a 25-hour work fine to a year's suspension.

Expulsion is the maximum punishment, but Cole said there have been only two in the last 10 years.

"The sanctions reflect the institution's philosophy of student behavior," she said. "Stanford assumes students can learn from their mistakes." Repeat offenses are "very rare," said Cole.

Two students this year were charged with submitting someone else's work. One received a two-year suspension, and the other was suspended indefinitely with a two-year minimum. With an indefinite suspension, Cole said, the student has to prove it is in the best interest of the University that he or she return.

Plagiarism and receiving impermissible aid led to five Honor Code cases each, while four students were found guilty of stealing and submitting another student's work.

Half of the Honor Code cases arose in Computer Science or other departments of the School of Engineering. The remaining

Please see CAUGHT, page 2

## Kimball loses late-night pizza perks; Stern scores 'slice of heaven'

By Michael Slemmer

Incoming Kimball Hall residents have found that their dormitory is no longer Stanford's late-night pizza Mecca.

Last year's successful experiment has been transferred to Stern Hall, where it has been added to the residence's after-hours grill service.

The decision was sparked by the immense success of the service when it was introduced last year, according to Craig Mitchell, food service administrator.

Its popularity simply outstripped the capabilities of Kimball's kitchen and staff, which Mitchell described as "inadequate for the students' demand for pizza."

Kimball pizza opened last February and was a tremendous success, attracting more than 100 students on the first night.

The relocated service has already attracted large numbers of students, and many more are expected in the upcoming months, according to Virginia Varkonyi, Stern food service manager.

By switching the location from Kim-

ball to Stern, the pizza service will be faster and better, she added.

The kitchen is currently being remodeled to provide an area specifically for pizza service. Full production will be available in three to four weeks.

"We moved to make the service better and I think it will be a total success," Varkonyi said.

Stern residents agreed that the move did not hurt the quality of the pizza. "Stern pizza is like a slice of heaven," said freshman Danny Bressler.

Now that the late-night pizza and grill services are both located in Stern, the grill, which now closes at 10 p.m., may be staying open later as well.

"It all depends on the business we get," Mitchell said. "The more students we have, the later we'll stay open."

Although several Stern residents have expressed concern about the size of this new pizza venture, Mitchell said their fears would be assuaged by the fact that the pizza service will be at their doorstep. "It's great because I live here," said

sophomore Dave Groves.

Some Stern residents added that Kimball residents already have enough benefits. "It is great for midnight study breaks, and Kimball's been spoiled enough," said freshman Vanessa Alvarado.

As with the Kimball pizza service, students can still use meal cards or cash to buy pizza and other snacks such as frozen yogurt. The grill and pizza service in Stern are open Sunday through Thursday nights.

Neerad Lal contributed to this article.

## WEDNESDAY

### Five more

Stanford recently added 35 more Rodin sculptures to its collection.

See page 2.

### Minutes

The Cardinal is counting the minutes until Saturday's game.

See page 11.

### Mom

Freshmen get over Mom and enjoy Orientation '92.

See pages 12-13.

## WEATHER

Today: near 80

Tomorrow: Patchy fog in the morning, then more of the same. Surprise.



## Hail to the chief

### Fetter accepts offer she couldn't refuse

By Peter Robison  
Senior staff writer

For nearly a decade, Jean Fetter's task as dean of undergraduate admissions was to bring anxious freshmen into Stanford.

This year, she begins that task once more with a freshman quite a bit older, perhaps a bit less anxious, and just as new to Stanford: University President Gerhard Casper.

Selected as Casper's top assistant over the summer, Fetter will be the "chief of staff" of the president's office and act as one of Casper's closest advisers.

Entering her 17th year at Stanford and working with her third president, Fetter confessed that she is "beginning to feel like an old-timer."

Although Fetter has held five administrative positions at Stanford — including a three-year stint as former University President Richard Lyman's top assistant in the late 1970s — it is her career as admissions dean that has made her a popular campus figure, known affectionately as "Dean Jean."

And two years after leaving that job, she still often speaks in terms of admissions: She realizes with faint horror that the average Stanford undergraduate was only five years old when she began as Lyman's assistant, and she retains a fingertip-knowledge of U.S. high schools from California to Maine.

Fetter marvels at the circuitous path that led to her appointment as Casper's assistant, just one year after she resigned her admissions post last June to write a book on her experiences.

"It's a classic example of how life evolves," she said. "It's full of the unexpected."

Fetter had planned to take a year-long sabbatical, lecture in the School of Education and write her book.

But a few months later, then-Board of Trustees President James Gaither approached her about becoming executive vice chair of the search committee that eventually selected Casper as president.

"That's an offer that's very hard to refuse," Fetter said. "This

Please see FETTER, page 15



Newly-appointed chief of staff Jean Fetter poses in her new office.

Victor Cheng — Daily



# Rodin collection '3 Shades' bigger

By Judy Hsu  
Staff writer

Philanthropist B. Gerald Cantor and his wife Iris have donated 35 Auguste Rodin sculptures worth \$11.5 million to the Stanford Art Museum.

The Cantors also gave seven pieces sculpted by Rodin's contemporaries to enable the art directors to create an atmosphere of 19th century art.

The most recent donation brings the number of Rodins given to Stanford by the Cantors to 187.

The most important work in the new donation is The Three Shades, a depiction of three tragic figures which are life-size replicas of smaller counterparts located on top of The Gates of Hell.

The Gates of Hell represents the focal point of the Rodin Sculpture Garden, and The Three Shades will soon be placed at the garden's entrance.

All of the pieces from the Cantor Collections were intended to be donated to Stanford, according to Stanford Art Professor Albert Elsen, but some of the sculptures have been on loan for tax purposes.

The Cantors have loaned pieces to Stanford "always with the intent to give," Elsen said.

Stanford now possesses the second largest and the second most important collection of Rodins in the world, Elsen said. The Rodin museum in France, Rodin's mother country, continues to house the largest number of his works.

According to Elsen, there are many reasons the Cantors elected to give their collections to Stanford.

Stanford has ample space to display most of the collection on a year-round basis, he said.

The Cantors also wanted the sculptures to be at a place where they could be used for both teaching and research, Elsen said.

"Stanford is the only place in the world where you can see such a big collection of Rodins 24 hours

a day, all year round," Elsen said. It is also the only place which lights the sculptures from below at night because Rodin wanted his viewers to experience his works in different settings.

The sculptures are lighted from below because "you just can't compete with the California sun," Elsen said.

Over the years many Stanford students have been able to study these Rodins. For instance, Kirk Varnedoe, last year's commencement speaker, wrote his doctoral thesis on Rodin. Elsen himself teaches an art history class on Rodin for undergraduates.

Andy Paul, a junior who took Elsen's class last year, said one of his best memories was of an optional outdoor class when Elsen took students around campus to study various figures from the Burghers of Calais.

The statues scattered around campus are casts or reproductions of the original, which was made in one piece.

"Go up and touch it," Elsen would say. "Don't be afraid," Paul said.

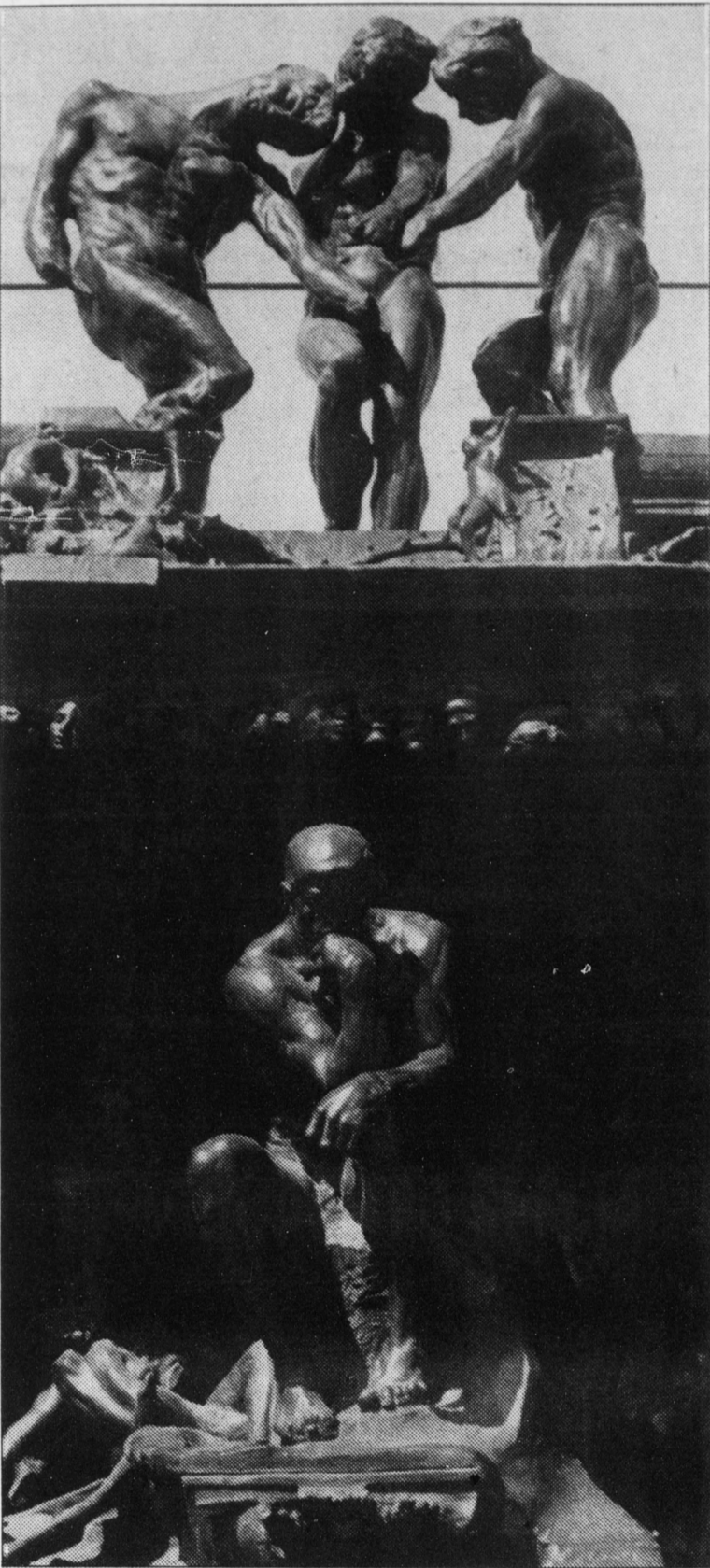
"The coolest thing was that Rodin's style is very exaggerated. Big hands, big feet, very sharp," said Paul. "Almost impossible muscle definition becomes very obvious when comparing one's own hand with that of the statue."

"It's the kind of thing you can't learn from a picture," said Paul. "When you see a statue and you put your hands on it, not only do you see how well-sculpted they are, but how difficult sculpting something like that would be."

Elsen explained that having the sculptures on display allows students to experience art first-hand.

"In other fields like English, you experience creativity through the printed word second-hand, but with these works of art, you have a direct experience with creativity," Elsen said.

Elsen's class on Rodin will be offered again next year.



Joshua Folk — Daily

A life-size version of The Three Shades is among 35 Rodin sculptures recently donated to the Stanford Art Museum.

# Thomas

Continued from front page

worked in Stanford's Sexual Assault Information and Resources Center last summer, said the separate hearings are "absolutely fair."

There is a California criminal code and a Stanford code of conduct, she said, so "students need to follow both." Zonana added that it was "unfortunate that (the University case) took so long to resolve."

Asked whether Thomas' punishment was fair, Zonana said that "if he did what he sounds like he did, no, it wasn't enough."

De la Motte, however, objected to the penalty set by the University. "I don't think [Thomas'] degree should have been held up for any reason," he said.

A range of punishments was available to the council, from fines to community service to a revocation of his degree. Their recommendation had to be approved by former University President Donald Kennedy.

This was the first time a University investigation of alleged sexual misconduct led to formal charges against a student, according to Cole.

She said she had hoped to release more information about Thomas' case in order to educate the community, but is prevented from doing so by the University's Legislative and Judicial Charter.

In 1985, Kennedy had authorized release of information about a drunk-driving case. But Cole said that student had "opted for an open hearing" and Thomas did not.

The charter gives the person charged the right to "be assured that, in private hearings, any matters of fact which would tend to identify the person charged would be kept confidential."

Thomas earned enough units to graduate fall quarter last year, but his degree was withheld pending the University's judicial affairs investigation.

The council, an appointed body of 11 students and faculty, makes the final evaluation of judicial affairs violations before sending a report to the University president.

# Caught

Continued from front page

cases came from Great Works CIV and the Departments of Psychology, Anthropology, Physics, Chemistry, Mathematics and Communication.

Students admit their guilt in the "vast majority" of cases ending in penalties, Cole said. Just

one of last year's cases was heard by the Stanford Judicial Council, and another is still pending before the council.

Of the 1991-92 cases, more than 80 percent involved men, while 20 involved graduate students.

The Judicial Affairs Office issues a summary of misconduct cases each fall. Student names and details from the hearings are not released.

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## Election Watch

### Bush proposes four debates

SAN DIEGO (AP) — The presidential debate planned here for Sunday fell to the wayside as President Bush adopted a new stance in the debate stalemate, calling for four face-offs over the final weeks of the campaign.

The University of San Diego, which was to host Sunday's debate, called it off when Bush and Democrat Bill Clinton failed to come to terms by yesterday's 2 p.m. PDT deadline.

After allowing the deadline for Sunday's debate to expire, Bush proposed a compromise yesterday. He called for two debates with a single moderator — as the Commission on Presidential Debates and Clinton want — and the other two under the ground rules that were in effect in 1988, with three moderators posing questions to the candidates.

The commission believes a single moderator would lead to more in-depth discussion of issues and more back-and-forth questioning between the candidates themselves.

Bush also said he would welcome Ross Perot at the debates if the billionaire rejoins the race.

The San Diego debate was the third to be canceled because of Bush's objection to the single-

moderator format proposed by the commission on Presidential Debates.

### Candidates stump in the midwest

(AP) — President Bush barnstormed across Al Gore's home state yesterday, attacking Bill Clinton as a political chameleon who waffled on the Persian Gulf War, while Clinton told crowds in Kentucky and Ohio that Bush has used tax dollars to help ship U.S. jobs overseas while doing little to help American workers.

On a day of travel across Tennessee, Bush tried to spread doubts about Clinton's leadership and trustworthiness.

"You have to take your lumps and you have to take a stand. And I don't think that we can take a risk on Gov. Bill Clinton to be president of the United States of America."

Clinton, meanwhile, attacked Bush on the job front.

"George Bush promised us 30 million jobs in eight years — he just didn't tell us where the jobs were going to be," the Democratic presidential nominee said. Under Bush's stewardship, he said, more private jobs went to Central America over the past four years than were created in the United States.

## Brazil impeaches president

BRASILIA, Brazil (AP) — Lawmakers voted overwhelmingly yesterday to impeach Fernando Collor de Mello, Brazil's first freely-elected president in 29 years.

Collor is accused of receiving millions of dollars from a slush fund run by his former campaign treasurer.

Coming after weeks of massive demonstrations, the impeachment was seen as a significant benchmark for democracy in Latin America, where political crises have typically led to coups and uprisings.

The scandal had paralyzed the economy of Brazil, Latin America's largest nation, which is burdened by the highest foreign debt in the Third World. The vote will allow Brazil to restart its economy and seek foreign loans and investment.

The 503-seat Chamber of Deputies erupted in wild celebration after Rep. Paulo Romano of the pro-government Liberal Front Party cast the 336th vote in favor — assuring two-thirds support for impeachment. The final vote was 441 in favor, 38 opposed, 23 absences and one abstention.

The vote strips Collor of power for up to six months. Under procedures similar to the U.S. system, Collor will be replaced by

Vice President Itamar Franco while the Senate decides whether to remove him permanently.

Collor, 43, who was inaugurated in 1990 and was to have served a five-year term, was accused by a congressional panel of gross corruption and a "lack of decorum" in office.

The panel found that Collor — who took office promising to end political corruption and economic stagnation — received \$6.5 million from a slush fund administered by his former campaign treasurer.

Citizens in the nation of 150 million people, suffering 25 percent monthly inflation, flocked to demonstrations after reports that Collor used the funds to build a waterfall and garden around his Brasilia mansion, and to provide his wife a clothing allowance of up to \$20,000 a month.

When Collor moved into his mansion in 1990, he told voters it was an austerity measure.

Brazil has lost presidents to illness, resignation, military coups, a plane crash and even suicide, but this is the first time in its 103-year history as a republic that any leader has been impeached.

The military, which ruled from 1964 to 1985, has stayed on the sidelines during the crisis.

Rep. Genebaldo Correia urged impeachment "in the name of decency, dignity and honor" in one of the more than 60 speeches before the historic vote.

The unexpectedly wide margin in favor of impeachment was boosted by government supporters who jumped ship as it became obvious Collor would lose.

"There were several bastards who betrayed us," said Rep. Jose Lourenco, a Collor supporter. "It's all finished," he said.

For the vote, businesses closed and hundreds of thousands of people took to the streets and crowded around open-air television screens as the lawmakers voted.

After the vote, many legislators cried, and a large group of the lawmakers held hands and sang Brazil's national anthem.

More than 100,000 demonstrators who had gathered on the lawn in front of the white marble Congress building erupted with cheers, fireworks and the pounding of samba drums in reaction to the vote.

In Rio de Janeiro, unions of oil and metal workers were on strike to demand Collor's ouster. Pro-impeachment sympathizers, many dressed in black for mourning, cheered after the impeachment.

## Newsline

### Wallace still in critical condition

MONTGOMERY, Ala. (AP) — George C. Wallace's vital signs improved slightly but he remained on a respirator in critical condition yesterday with a severe blood ailment.

The former governor's prognosis was still poor in his fifth day at Jackson Hospital, said spokeswoman Vicky Jones.

Wallace, 73, a four-term governor who was left paralyzed from the waist down by a would-be assassin's bullet in 1972, was being treated with antibiotics for septicemia, a blood infection brought on by a urinary tract infection that is common in paraplegics.

After he entered the hospital Friday, he suffered heart failure, but doctors revived him and later found the source of the blood disorder.

Wallace, who garnered 9.9 million votes and carried five states in his 1968 presidential bid, was shot while campaigning for president four years later. Though paralyzed, he went on to

serve two more terms as governor.

### Irish vote could allow divorce

DUBLIN, Ireland (AP) — The government said yesterday it will hold a referendum on ending the constitutional ban on divorce, setting up another likely battle between morals and rights in this Roman Catholic nation.

Ireland already is locked in a controversy over whether to maintain its anti-abortion laws, the most restrictive abortion laws in Europe.

Justice Minister Padraig Flynn yesterday published a White Paper on Marital Breakdown containing carefully framed proposals paving the way for a referendum on the divorce ban, which pro-divorce campaigners estimate affects 100,000 couples trapped in broken marriages. In 1986, voters upheld the ban.

Flynn did not set a date for the referendum. The Catholic Church opposes the legalization of divorce. About 90 percent of Irish are Catholic.

## Magic will return to basketball

LOS ANGELES (AP) — Basketball superstar Earvin "Magic" Johnson said yesterday he will get back in the game and rejoin the Los Angeles Lakers.

The announcement came 10 months after Johnson retired because he learned he had become infected with HIV, the human immunodeficiency virus, but had not yet developed AIDS symptoms.

Since then, Johnson has turned in outstanding performances in the NBA All-Star game and the Summer Olympics.

Johnson, who expects to play 50 to 60 games, said his decision "poses a small risk, but if you take care of yourself and do what you're supposed to do, I'll avoid that risk."

Health experts said Johnson's move will help educate the public about the virus.

"It's fantastic because so many people get the

impression that having HIV (the AIDS virus) means you're soon on your way to dying," said Mark King, spokesman for the Shanti Foundation, an AIDS counseling and education group in Los Angeles.

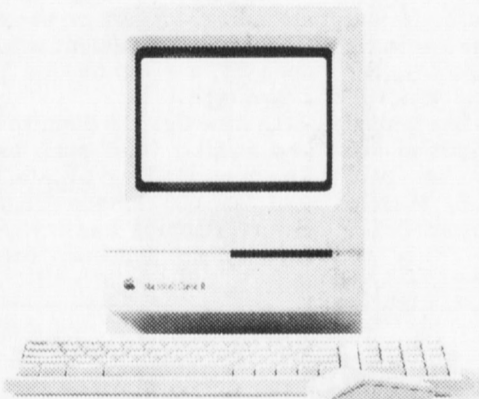
"What Magic has done is show all of us that an HIV-positive test is not the end, that you can pursue your goals, live an active life and that HIV... doesn't necessarily mean giving up," said King, who also is infected with the virus.

"There are a lot of people out there who have the AIDS virus, who are actively pursuing careers... and who are quite physically active," said Dr. Mervyn Silverman, president of the American Foundation for AIDS Research.

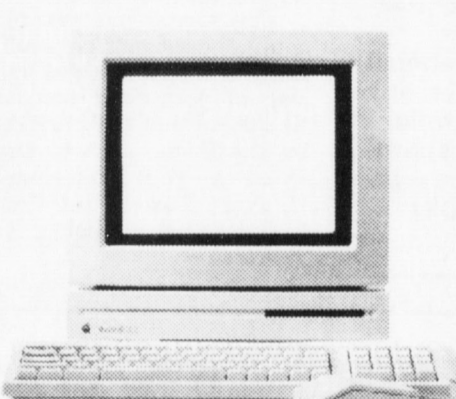
People infected by the AIDS virus can go two to 15 years before they develop symptoms. Death usually comes two to three years after symptoms start.



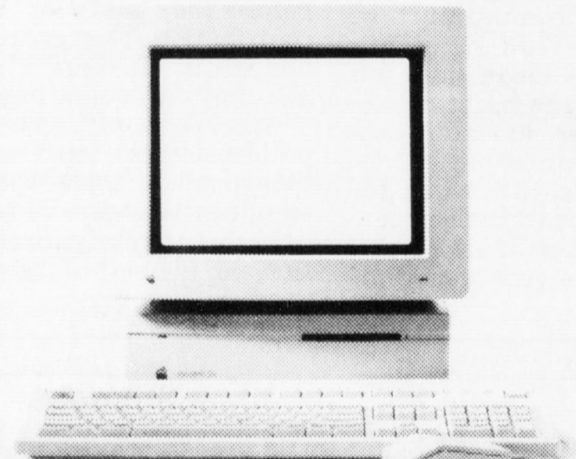
Apple Macintosh PowerBook 145 4/40



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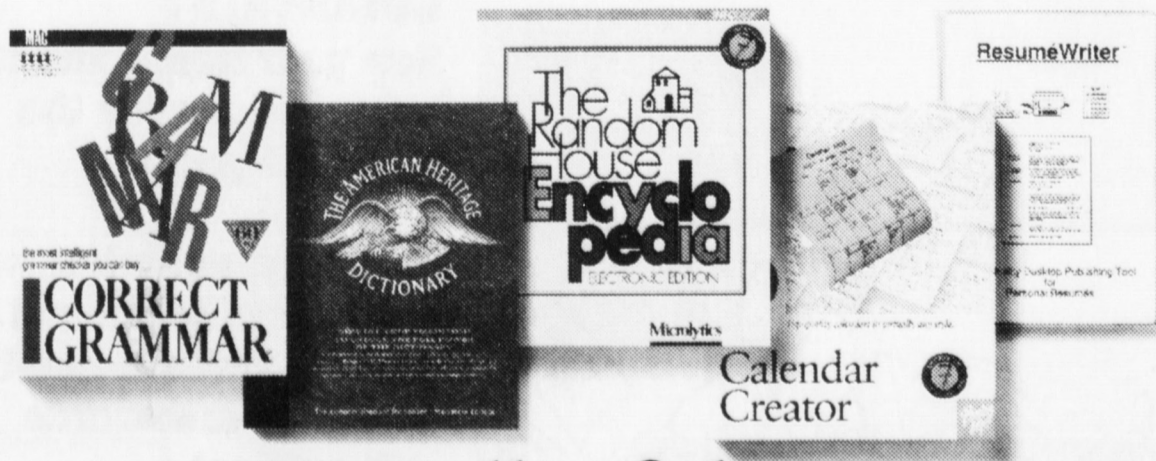


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## THE STANFORD DAILY

An Independent Newspaper  
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Editorials represent a majority of the editorial board. The board consists of nine Daily editors, one at-large staff member and one at-large editorial writer selected from the community by the Daily staff.

### Editorial

## Remember the riots

Some remain to help long after headlines and politicians left

LAST SPRING'S IMAGES of violence and frustration, beamed nationwide from Los Angeles, awoke many Americans to the truth that we are a divided country.

At the same time, the multiracial character of the riots, the tremendous cost in lives and dollars, and the geographic dispersion of the violence made it clear that all Americans should be concerned with the problems of poor urban areas.

These events challenged Americans to do something — but what? At Stanford, there was both outrage and soul-searching. Outrage from a sense of shameful miscarriage of justice, and soul-searching because Stanford is in some senses a microcosm of a broader society.

But despite Stanford's diverse student body, the university itself is almost wholly insulated from the grim reality of life a few miles to the east. Indeed, Palo Alto and East Palo Alto share little more than a name. East Palo Alto displays many of the problems which have been festering in urban areas for the past two decades — inadequate housing, poor public services, ghettoization, lousy education and, above all, poverty.

A large rally of the Stanford community urged students to commit themselves to achieving justice and creating economic opportunity, in part by expanding our definition of what "community" we belong to.

But, as cynics might have predicted, other issues have replaced urban problems as front-page news. Despite tours of the afflicted areas by presidential candidates, attention has turned from empowering poor members of urban areas to massaging the egos of disgruntled middle-class voters.

At the national level, there has been little meaningful dialogue about the crisis in America's urban areas or our responsibility to do something about it.

Still, though, this does not mean that some individuals are not taking action. Some students have embarked upon projects inspired by the tragic events, and others have continued to work in already established community service projects:

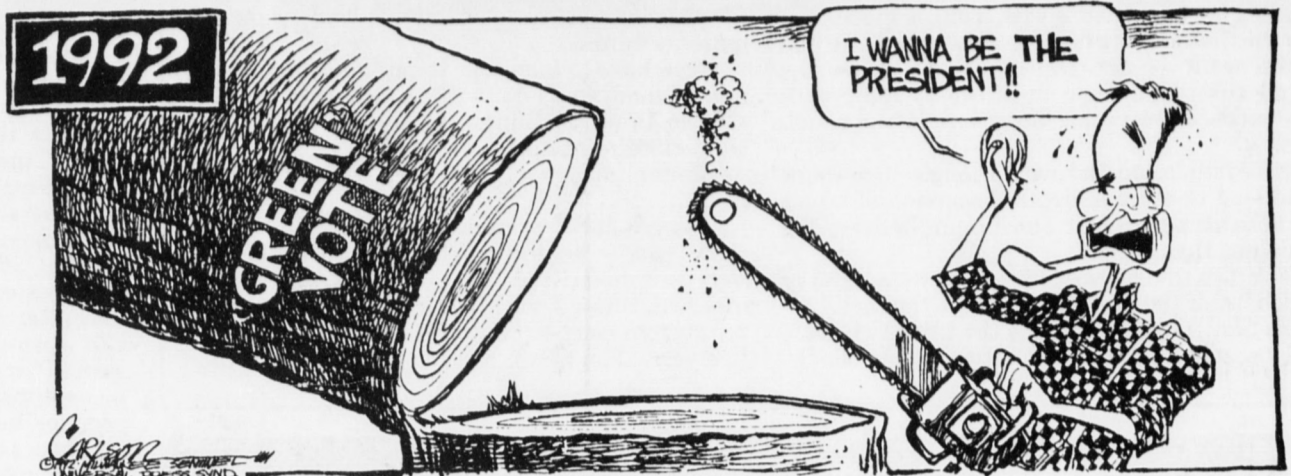
- Twenty-four students from the Graduate School of Business spent two weeks this September helping owners of burnt-out businesses in South-Central L.A. apply for emergency loans. Another group of students capped two years of fund raising and volunteer work for the "I Have a Dream" program by "adopting" a group of 56 third-grade school students at the nearby Flood School and guaranteeing them funds for their future college education.

- The East Palo Alto Community Law Project, established a decade ago by Law School students, continues to aid low-income residents of Stanford's neighboring city in claiming their legal rights in areas such as domestic violence, guardianship and immigration. The Project also enables volunteer attorneys from local firms to use their own professional training for meaningful work.

- Hundreds of undergraduates participate in tutoring and other forms of local community service through a vast number of formal and informal programs.

All of these individuals have one thing in common. They are not waiting for the world to change before they make an individual contribution. They are responsible and useful members of a community that they define broadly.

And in a country where national problems seem too vast for any individual to tackle, these volunteers can be secure in the knowledge that they're part of the solution and not part of the problem.



### Campus Forum

Jeremy Cohen

## Critics of teaching have sterile argument

Jeremy Cohen is an associate professor of Communication and a resident fellow in Lantana.

CALLS FOR THE "improvement of undergraduate teaching" are echoing off the sandstone walls of the inner quad. First, The Wall Street Journal attacked Stanford for adding African, Asian, feminist and other voices to the curriculum core.

Next, high gale warnings were hoisted with the seeming imprimatur of the White House by former Secretary of Education William Bennett just as the current senior class arrived at Stanford.

And then Denesh D'Souza joined Bennett on the morning talk-show/book-sales circuit last year with his publication of "Illiberal Education" in which he claimed that teaching is "immunized from criticism" as "champions of minority interests... are permitted overtly ideological scholarship."

The storm has yet to pass. If you count the seconds between the lightning flash of media charges and the thunder clap of politicized percussion you will find the eye of the hurricane has landed on the Farm. Just to the right of the Quad as you look toward the Oval, Hoover Tower intellectual Martin Anderson has published *Imposters in the Temple*.

The former Republican White House adviser says quite simply that "American intellectuals are destroying our Universities and cheating our students of the future."

Is the teaching that bad? Are students subject to mindless, politicized partisanship under threat of grades by a "politically correct" professorship that cares not a wink for teaching? Or is the storm — to borrow from T.S. Eliot's "The Wasteland" — "dry sterile thunder without rain?"

A central theme of critics is that faculties do not care about teaching. But the facts at Stanford hardly support such sweeping charges. Forty-three courses, for example, are currently involved in the Writing Across the Curriculum program.

Professors from 17 departments this year will attend WAC pedagogy workshops — on their own time — to continue their development as teachers.

Stanford faculty also have been attending — again on their own time — teaching improvement workshops developed by the Center for Teaching and Learning.

Critics tend to dismiss these efforts and similar ones such as the Dean's forum on Undergraduate Teaching — a two-year old campus program in which Ewart Thomas has invited dozens of faculty to seminar discussions of

teaching style, substance, goals and barriers.

The real student contact, these critics charge, involves not students and professors, but students and teaching imposters in the guise of graduate students acting as teaching assistants. "Students are not qualified to teach," Anderson flatly states. "They do not possess enough knowledge," and so their teaching "mocks the essence of higher education."

Doctoral students in the Communication Department, where I work, take on teaching assistantships only after completing their first year of intensive academic study. They possess a great deal of knowledge.

TAs attend a series of preparatory workshops offered through Communication, CTL and Writing Across the Curriculum. They are becoming quite qualified to teach.

Is there room for a great deal of improvement? Of course.

Are there some teachers who are better than others? Of course. But the storm of educational criticism — at least as phrased by Anderson and his cadre of politicized weather watchers — is indeed sterile thunder without rain.

Eliot concludes his "The Wasteland" with a question. "Shall I set my lands in order?" Most educators continue to make the attempt.

## Hot and bothered?

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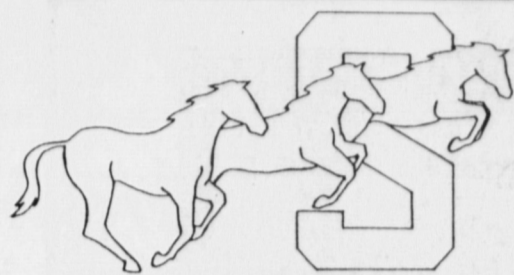
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## ORGANIZATIONAL MEETING

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For Info Call Erin or Julie 327-5058

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**INTRODUCTION TO SCENIC DESIGN.** (Drama 30) Denise Martel. MWF 11+lab (4 units). Basic skills of visual communication used in creating a stage environment, including both design and construction.

**INTRODUCTION TO DIRECTING.** (Drama 170) Rush Rehm. TTh 2:15-4:05 (4 units). Fundamental creative and leadership skills involved in bringing a play from the page to the stage.

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*TICKET DISTRIBUTION for students and staff will be held on a first-come, first-served basis on Tuesday and Wednesday, September 29 and 30, 1992 in White Plaza (between the Old Union and the Post Office); at SLAC; and at the Hospital. Distribution will take place both days on White Plaza from 11:00 a.m. to 2:00 p.m. and 4:00 p.m. to 6:00 p.m. SLAC employees can obtain tickets at their personnel department from 11:00 a.m. to 5:00 p.m. on the 29th and 30th, and Stanford Hospital and Lucile Salter Packard Children's Hospital employees can obtain tickets at the Stanford Hospital's human resources office, Room HG-005 from 11:00 a.m. to 5:00 p.m. on the 29th and 30th.*

*One ticket per Stanford ID. IDs will be punched. Employees and students may present more than one Stanford ID if picking up tickets for other Stanford ID holders. Questions? Call 723-2551.*

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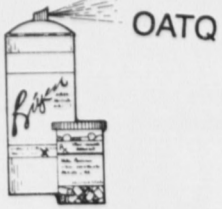
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**TODAY**

**Martial Art Shorinji Kenpo**, which combines hard and soft techniques, will meet tonight at Elliott Program Center from 7-9 p.m.  
**Lutheran Campus Ministry Uni Lu Choir** Meets with student director, Raf Ornes, Wednesdays at 7 p.m., Old Union Clubhouse Common Room. New Members still welcome.

**TOMORROW**

**Alpha Phi Omega** The national, coed service organization will hold its first meeting of the year tomorrow at 7 p.m. in the Tresidder Dining Area. Contact Jeff @ 7-3639 for more info.

**UPCOMING**

A lot of fun Play women's rugby. No experience necessary. Come to Taylor Field, Fri., Oct. 2 @ 3:15. Call Julie @ 328-9309 for more info.  
**Ballroom Dance Club** Learn to dance this fall on Sun. afternoons. First lesson and registration for six week series is this Sunday, 10/4, 1 p.m. at Oak West in Tresidder, second floor.  
**Islamic Society at Stanford** Friday Prayer at the Bechtel International Center Assembly Room at 1:30 p.m.  
**REDWOOD Organizational Meeting** REDWOOD will be running outdoor trips and workshops this year. Come to Tresidder Cypress Room North, Tues., Oct. 6 at 8:30 pm. if you'd like to lead a trip or help run outdoor workshops.

**Quote of the Day**

"Some mucky-mucks at Stanford decided he wasn't punished harshly enough and came up with some nebulous phrase."

— *Melvin de la Motte, the lawyer who defended student Stuart Thomas against criminal charges of statutory rape. See Thomas story, page 1.*

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The Stanford Daily (USPS 518-420) is an independent student newspaper owned and published by The Stanford Daily Publishing Corp., Stokes Publications Building, Stanford, CA 94305.

Letters, columns, cartoons and advertisements do not necessarily reflect editorial opinion.

The Daily is published weekdays during the academic year except Dead Week, when one issue is published, finals week and holidays.

Subscription rates: For California residents, \$97.43 per year or \$37.89 per quarter. For residents in the rest of the United States, Canada and Mexico \$90.00 per year or \$35.00 per quarter. Second class postage paid at Palo Alto, CA. Send check or money order in advance.

Production at the ASU Type & Design Shop, Stokes Publications Building, Stanford CA 94305. Printed by F-P Press, 37428 Centralmont Place, Fremont, CA 94530.

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## Low-power circuits blaze path for future Electronic 'neuron' will be a crucial step in making neural nets, space systems



Prof. James Burr carefully positions a silicon wafer containing low-power test circuits. The circuits use a thousand times less power than conventional circuits to accomplish basic tasks like addition and memory storage. Burr hopes these simple devices will eventually lead to much smaller and faster computers.

By Aaron Thode  
Editorial staff

If your brain were made of computer chips, it would explode.

To laugh, love, think, imagine and create — tens of billions of neurons accomplish these actions while consuming just a few watts of power. If our neurons were replaced with today's state-of-the-art processors, our heads would require megawatts of power, most of which would be re-radiated off as heat, boiling our brains.

Prof. James Burr and graduate students Saber Bhatia and Boyd Fowler have constructed transistors and chips that use a thousand times less power than conventional circuits to accomplish basic tasks like addition and memory storage. If they reach their goals, by next year they will have built simple processors that consume only 30 times as much power as a brain neuron.

Such chips would be a major breakthrough towards creating "neural networks," which many computer scientists consider the most promising field of supercomputing.

Most computer systems over the past fifty years have been built with a "sequential" philosophy. In other words, given a set of instructions, a computer completes each task before continuing with the next.

Speed, not energy-efficiency, is what sequential

systems require, because the sooner the processor finishes each task, the faster the entire program will run. As a result, modern supercomputers, like Crays, expend large amounts of energy to push sophisticated processors to their fastest limits.

Neural networks and the human brain take the opposite approach: They tackle several instructions simultaneously using many simple processors. Because so many processors are involved, the failure of a few will not disrupt the computer. Thus parallel computers are more flexible than, and — for many signal processing applications — faster than, conventional computers.

Most past computer research has focused on "maximizing the performance of a single processor rather than minimizing the energy required by many processors," Burr said.

But as interest in neural networks grew, so did the need for an energy-efficient processor. Also, Prof. Roger Williamson of Stanford's Space Telecommunications and Radioscience Laboratory wished to reduce the amount of power space experiments consumed, so that they could be smaller and launched faster. All these factors encouraged Burr to begin working on high-efficiency processors in 1988.

There are several reasons why computers are relatively energy inefficient, Burr said. The first is that computers use a great deal of energy transferring signals between processors.

Even though a single chip consumes just one

nanojoule of energy per instruction (PI), by the time the signal is routed through the memory, controller and bus, a typical computer workstation like the Sun SPARCstation has spent about one microjoule PI.

If one could shrink the size of the chips and stuff them close together, the computer would consume less power. But this technique cannot be used with today's chips, said Williamson.

"You can cram a bunch of memory chips together to squeeze one gigabyte of memory into a few cubic inches. The problem is, you've built yourself a hair dryer. It will melt!"

So the key to reducing a computer's total power consumption is to reduce the heat generated by an individual chip. Stanford's solution has been to lower the chip's supply voltage.

Traditionally all chips have sent and received signals at either zero or five volts in order to insure that the binary one is easily distinguished from binary zero. "Historically, there has been a strong bias against fooling with the supply voltage" because all manufacturers adhere to the standard, Burr said.

But the popularity of small laptop computers encouraged semiconductor manufacturers to test chips with three or even two volts of applied voltage. Stanford has gone much further, building chips that require less than .3 volts. Doing this has reduced the chip's power consumption by about a thousand times.

There is a cost to consuming less power. The new chips run slightly slower than conventional chips. Lowering the applied voltage also increases the chance that random noise will ruin a signal, so mistakes occur more frequently. However, since parallel networks use many processors, they are highly redundant, so the lower performance of an individual processor has a much smaller impact on the performance of the entire computer.

Stanford's Center for Integrated Systems "has built a number of building blocks for computational structures," such as adders, multipliers and memory cells. "We know they work," Burr said, "but we can't tell how well they work."

To fix that problem Stanford is collaborating with Intel Corp. to fabricate circuits that are self-testing. If an error occurs while running, it will stop and flag the monitoring instruments.

By lowering the supply voltage and exploiting other techniques, Burr hopes to reach a point next year where the new chips will consume just 30 femtojoules PI, which is almost as efficient as a biological neuron. To lower the power consumption further, the chips would have to be cooled to reduce thermal noise signals.

Both Burr and Williamson hope that these low-power chips can be assembled into complete computer processors on a silicon platform less than a square inch in area.

These processors could then be crammed into very dense cubes a cubic-inch in size. The close proximity of its components will vastly improve the computer's overall energy efficiency, and pave the way for large-scale neural networks.

Stanford's work is currently being funded by NASA and CIS at about \$100,000 per year. However, NASA's three-year contract will end by December, and Burr is uncertain of the program's future; he said he is trying to combine the group's work with the development of a Mars mini-rover at the Jet Propulsion Laboratory.



## A transparent query for Bug

By Chris Patil  
Staff writer

This column's *raison d'être* is the premise that even at a technically oriented institution of higher learning like Stanford, the community will have science-related questions that simply cannot be satisfied by a 50-minute trip to the local lecture hall.

Thermodynamics will never teach you the quickest way to chill beer. Organic chemistry has little to say about the molecular basis of a fart's aroma. And nowhere in the Bio 32 syllabus is there an explanation of how a 303-pound ovarian cyst can grow teeth and hair, or what gives semen that characteristic briny tang.

But hey, no worries — that's what I'm here for.

**Q** : Why can I see through glass?

— Four-Eyed in Faisan

**A** : Basically, Four-Eyed, the reason that you can see through glass is that there's no reason *not* to be able to.

See (no pun intended), when a light beam interacts with a chunk of non-transparent matter, the quantum-mechanical entities (called photons) that compose light can meet one of several fates, any one of which can prevent the photons from being transmitted through the chunk. With a transparent substance like glass, none of these processes occur, and the photons make it through.

When a beam of light hits something, the photons interact with the electrons orbiting the atoms and molecules of the substance.

In some materials, the spacing between electronic energy levels is the same as the energy of particular photons. These materials can absorb light of the colors corresponding to those energies. If a particular color is absorbed, the material will appear to "be" the complementary color. For instance, leaves look green to us because they do such a swell job of absorbing green's complementary color, red.

**I know what you're thinking at this point: 'Ah, but glass does reflect light, as every damn fool who's fixed his hair in a car window knows.'**

The energy-level spacings of the silicon oxides in glass, however, don't match the energies of visible photons — so rather than being absorbed, these photons simply pass through the glass.

Some atoms and molecules have "loose" (high-energy) electrons, which can more or less grab a photon as it comes in and spit it out again, a process known as reflection. The atoms of metallic elements generally possess such high-lying electrons, which is why polished silver makes such a handy mirror.

Molecules inside glass have no such loose electrons, so reflection doesn't occur in the same way as it does for metals. There's nothing kicking the photons back out, so they just plow on through the glass.

I know what you're thinking at this point: "Ah, but glass *does* reflect light, as every damn fool who's fixed his hair in a car window knows."

Well, kind reader, this damn fool knows that too, but the important thing to remember is that glass only reflects light at the borders where the air stops and the glass begins. If it did reflect internally, a good deal of the light entering a piece of glass would indeed fail to make it out the other side.

A final type of interaction between light and matter is scattering, a process in which photons crash into molecules and careen off in random directions. This does happen in glass to some extent, but not enough that your average human observer would notice. See (ha!), glass — like the similarly transparent air and water — is a fluid, and therefore has similar scattering properties.

What? Yes, Virginia, despite its solid appearance, glass is really a highly viscous liquid. Rather than undergoing a phase transition from liquid to solid (called "freezing" by those in the know), liquid glass — such as the stuff used by those cheesy mall glassblowers — merely becomes stiffer as it cools. At room temperature, the arrangement of molecules in glass is still essentially random. As with many fluids, the loosely spaced molecules of glass are not dense enough to noticeably obstruct or scatter photons.

Glass neither absorbs, reflects, nor scatters visible light, so the light goes right on through. Ergo, you can see through glass... well... because there's no reason why you shouldn't be able to.

Drop your burning science questions into the Science Bug box — located just inside the western entrance of Storke Publications Building — or email them to [cpatil@leland.stanford.edu](mailto:cpatil@leland.stanford.edu). I haven't had to make up a question yet; don't let me down.

## If you thought that you were normal, you're not

By Catherine Ivey  
Staff writer

### Coffee Talk

Good news for coffee drinkers — researchers from the University of Toronto have concluded there is no significant correlation between coffee consumption and coronary heart disease.

This conclusion was reached by Dr. Martin Myers and colleagues following analysis of all previously published studies in which data on coffee intake and coronary heart disease (CHD) were available.

The researchers reported in the September issue of *Archives of Internal Medicine* that out of 11 such studies, only three suggested a link between heart problems and coffee consumption. In addition, the studies

that did agree differed on the relative risks of heart disease caused by drinking coffee.

Because of the lack of overwhelming evidence of a correlation between the studies, Myers and his associates concluded that "individuals who consumed up to one cup of coffee per day had a CHD incidence similar to those consuming higher amounts of coffee, even more than six cups per day."

### Normal body temperature not so normal...

The long-standing belief that normal human body temperature is 98.6 F will have to be abandoned, if doctors at the Baltimore Veterans Affairs Medical Center have their way. According to Dr. Philip Mackowiak and his colleagues, the actual human body temperature varies throughout



the day.

"In our study population, 98.6 F was not the overall mean temperature, the mean temperature or the single most frequent temperature recorded,"

the study said.

Instead of regarding 98.6 F as the "normal" body temperature, the researchers believe that temperature readings should reflect the body temperature changes throughout the day. Temperature readings of 98.9 F in the early morning and 99.9 F overall would be better standards, they wrote.

The study, published this Sept. in the *Journal of the American Medical Association*, analyzed 700 oral temperature measurements from 148 people over a four year period.

The researchers also found that temperature readings not only fluctuated with time, but they also varied according to race and sex. Women have slightly higher "normal" temperatures than men. In addition, black subjects in the study had slightly higher temperatures than whites.

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# 1992 FALL QUARTER TIME SCHEDULE CHANGES

## AERONAUTICS AND ASTRONAUTICS

138 ADD: Noise Pollution, Units 3, Room McC127, Days TTH, Time 2:15-3:15 PM, Instructor Bershader, D.

## AMERICAN STUDIES

150 CHANGE: (Same as ENGL 400-121-0-01), Room Bishopaud

## APPLIED EARTH SCIENCE

150 ADD: ((Same as 250), Minerals & World Affairs, Units 3, Grading type Letter Grade Only, Room ESMB 138, Days MWF, Time 1:15 PM, Instructor Hodges, C.

180 CHANGE: (Same as GEOL 900-180-0-01), Room ESMB-B67, Time 9:00 AM

250 ADD: (Same as 150)

252 CHANGE: Will meet for the first time on October 6th.

## BIOLOGICAL SCIENCES

131 CANCELLED  
178 CANCELLED

## CIVIL ENGINEERING

255 CHANGE: Room Ter556

## COMMUNICATIONS

114 CHANGE: Instructor Samuelson, K.  
122 CHANGE: (Same as 222) Time 3:15-5:05 PM  
204 CHANGE: Time 2:00-4:00 PM  
222 CHANGE: (Same as 122)

## COMPUTER SCIENCE

105A CHANGE: Instructor Zelenski, J.  
109A CHANGE: Instructor Finn, J.  
140 CHANGE: Instructor Kent, J.  
531 CHANGE: Room 380-380X  
548 CHANGE: Room SkAud  
221L CHANGE: Instructor Goyal, N.

## CULTURES, IDEAS, AND VALUES

001 CHANGE: First class meeting Thurs, 9:00 AM, Room Cubaud  
001.12 CHANGE: Room 200-124  
020 CHANGE: Title Beginning Acting  
050 CHANGE: (Same as ENGL 400-040-0-01) Room Biot185  
101 CHANGE: Introduction to Action, Time 10:00-11:50 AM  
170 CHANGE: Days TTH  
359A CHANGE: (Same as ENGL 400-373-A-01), Room 50-52T, Day T

## ECONOMICS

052 CHANGE: (Same as 152), Instructor Zaker-Shahrak, A  
101.02 CHANGE: Instructor Martin, C.  
103.02 ADD: Applied Macroeconomic Analysis, Units 05, Room 200-303, Day MW, Time 11:00-12:50 PM, Instructor Kim, J.  
131 CHANGE: Instructor Kang, M.  
152. CHANGE: (Same as 052)  
187 CHANGE: Room fr108

## EDUCATION

220A CHANGE: Room E334  
256X CHANGE: Instructor Bridges, E  
331A CHANGE: Instructor Levin, H.

## ENGINEERING-ECONOMIC SYSTEM

221A ADD: Probabilistic Analysis, Units 3, Room ph104, Days MTWTH, Time 3:15 PM, Instructor Chiu, S.

## ENGINEERING: GENERAL

001 CHANGE: Room 420-040  
006 CHANGE: Room 420-040, Time 2:15-4:05 PM  
010 CHANGE: Instructor Howard, H.  
012 CHANGE: Instructor Bershader, D.  
130 ADD: Science, Technology, and Contemporary Society, (Same as VTSS 997-101-0-01), Units 4-5, Room 370-370, Days TTH, Time 2:15-4:05 PM, Instructor McGinn, R.  
198 ADD: Hybrid Electric Vehicle Seminar, Units 1-3, Grading Type S/NC, Room Ter217, Day W, Time 7-9 PM, Instructor Hellman, M.  
298 CHANGE: Instructor Cantwell, B.

## ENGLISH

040 CHANGE: (Same as 140), (Same as DRAM 650-050-0-01), Room Biot185  
121 CHANGE: Room Bishopaud  
140 CHANGE: Room Biot185  
181C CHANGE: Time 12:45-2:05 PM  
308B CHANGE: Room 200-105, Time 3:15-5:05 PM  
363 CHANGE: Room 50-52H, Time 1:15-3:05 PM  
373A CHANGE: (Same as DRAM 650-359-A-01), Room 50-52T, Day T  
390 CHANGE: A manuscript does not need to be submitted.  
392 CHANGE: A manuscript does not need to be submitted.  
396 CHANGE: Room 40-41J, Day W

## FRENCH AND ITALIAN: FRENCH

\*\*\*MAKEUP PLACEMENT TEST, ROOM E206, SEPT. 30TH, TIME 2:15-4:15 PM \*\*\*

001 CHANGE: Room Sweet Hall 026  
022 CHANGE: Room Sweet Hall 026  
282B CHANGE: Organizational meeting Wed., Sept. 30th, 5:15 PM, WilburMod B-19.

## FRESHMAN ENGLISH

002A.18 CHANGE: Time 1:15 PM  
003B.01 CHANGE: Room Meyer 144

## GEOLOGY

180 CHANGE: (Same as AES 940-180-0-01) Room ESMB-B67, Time 9:00 AM

## HISTORY

001 CHANGE: Room Cubaud  
145 CHANGE: DAY MTWTH  
205A CHANGE: Title Undergraduate Colloquium: Private Lives, Public Stories: Autobiography in Women's History  
234A CHANGE: (Same as HSCI 447-172-0-01), (Same as VTSS 997-222-0-01), Room 20-21B

## HISTORY OF SCIENCE

172 CHANGE: (Same as HIST 430-234-A0-01), (Same as VTSS 997-222-0-01), Room 20-21B

## HUMAN BIOLOGY

022S CHANGE: Time 7:00-9:00 PM  
173 CHANGE: Instructor Wilburn, C.

## INDUSTRIAL ENGINEERING

273 CHANGE: Room gsb46  
320 CHANGE: Room Ter399  
363 CHANGE: Room Ter399

## INTERNATIONAL RELATIONS

112D ADD: (enroll in POLS 580-112-D-01), Readings in Political Science and International Relations, Instructor Lohnes, W.  
116G ADD: (enroll in POLS 580-116-G-01), The Development of the Federal Republic of Germany, 1945-1992, Instructor Staff  
119A ADD: (enroll in POLS 580-119-A-01), Soviet History 1917-1991 (From Coup to Coup), Instructor Dallin, A.  
120 ADD: (enroll in ECON 390-120-0-01), Russian Economy, Instructor Litwack, J.  
127R ADD: (enroll in POLS 580-127-R-01), Ethnic Conflict and Nation States in the Contemporary World, Instructor Stavenhagen, R.  
131 ADD: (enroll in ECON 390-131-0-01), The Development of Korean Economy, Instructor Kang, M.  
135 ADD: (enroll in ECON 390-135-0-01), Comparative Institutional Approaches to Latin American Economic Development, Instructor Conklin, J.  
148 ADD: (enroll in HIST 430-148-0-01), Introduction to African History, Instructor Jackson, K.  
185 ADD: (enroll in HIST 430-185-0-01), Introduction to Islamic Civilization, Instructor Beinin, J.  
286 ADD: (enroll in HIST 430-286-0-01), Undergraduate Colloquium: Economic and Social History of the Modern Middle East, Instructor Beinin, J.

## MATHEMATICS

021 CHANGE: Instructor Stone, A.  
042.03 CHANGE: Instructor Overton, C.  
248A CHANGE: Time 2:15-3:45 PM

## MECHANICAL ENGINEERING

099 CHANGE: Room Meyer 143  
101 CHANGE: Instructors Hargadon, A.  
210A CHANGE: Room PD Loft, Bldg 610-617  
218A CHANGE: Time 11:15AM-1:05 PM, Instructor, Carryer, E.  
230 CHANGE: Room ESMB138  
290 CHANGE: Room 300-300, Day Th, Time 3:15-5:15 PM  
296 CHANGE: Room 200-203, Time 2:15 PM  
297 CHANGE: Room 530-534  
313 CHANGE: Instructors Faste, R., Okada, L.  
315A ADD: (Same as BUS 050-466-A-01), Integrated Design, Manufacturing and Marketability, Units 4, Room Littlefield 107, Days WF, Time 1:20-3:05 PM (plus lab dhr), Instructors Beach, D., Lovejoy, W., Srinivasan, V.

## MEDIEVAL STUDIES

181C CHANGE: (Enroll in ENGL 400-181-C-01)

## MICROBIOLOGY AND IMMUNOLOGY

101 CHANGE: First meeting October 5th

## MUSIC

310 CHANGE: Day M, Time 1:15-4:05 PM

## PHYSICS

055S CANCELLED  
105 CHANGE: First class meets Wed., Sept. 30th, at 1:15 PM in Ph 205  
290 CHANGE: Room Ph103  
294 CHANGE: Instructor Friedmann, G.

## SCIENTIFIC COMPUTING AND COMPUTATIONAL MATHEMATICS

541 ADD: Interactive Methods for Linear Systems, Units 1-2, Grading type S/NC, Room 460-301, Day Th, Time 3:15 PM, Instructor Elman, H.

## SLAVIC LANGUAGES

All Polish Language Classes: Intro Meeting with Wilbur Mod B  
Prof. Martyniuck on Sept. 30th at 5:00 PM  
All beginning Serbo-Croatian Courses, Intro Meeting w/Ms Bojic Sept. 30th at 2:00 PM.  
Wilbur Mod B  
Gzech Language Classes: Intro Meeting w/Prof. Telman Sept. 30th @ 1:00 PM. Wilbur Mod B

## SYMBOLIC SYSTEM

010 CHANGE: Room E206

## VALUES, TECHNOLOGY, SCIENCE, AND SOCIETY

051 CHANGE: (Same as ENGR 160-001-0-01), Room 420-040  
101 ADD: (Same as ENG 160-130-0-01), Science, Technology, and Contemporary Society, Units 4-5, Room 370-370, Days TTh, Time 2:15-4:05 PM, Instructor McGinn, R.  
222 CHANGE: (Same as HIST 430-234-A-01), (HSCI 447-172-0-01), Room 20-21B

## THE FOLLOWING AUTUMN QUARTER COURSES ARE EXPECTED TO BE APPROVED FOR DISTRIBUTION REQUIREMENTS 1992-93:

AREA 2: World Cultures  
Anthropology 019; Magic, Witchcraft, and Religion  
Dance 177; Dance and Culture in Latin America

AREA 7: Literature and Fine Arts  
Dance 177; Dance and Culture in Latin America  
English 105 (same as Linguistics 072); Point of View in Fiction: A Linguistic Approach  
English 113; The Renaissance  
French 130; French Literature 1  
German Studies 120; Modern Short Prose  
German Studies 161; Faust  
Music 005A; Music in America  
Music 021: Elements of Music

AREA 9: Social and Behavioral Sciences  
Anthropology 019; Magic, Witchcraft, and Religion





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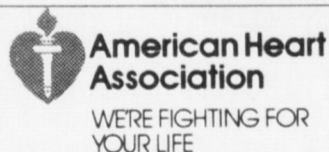
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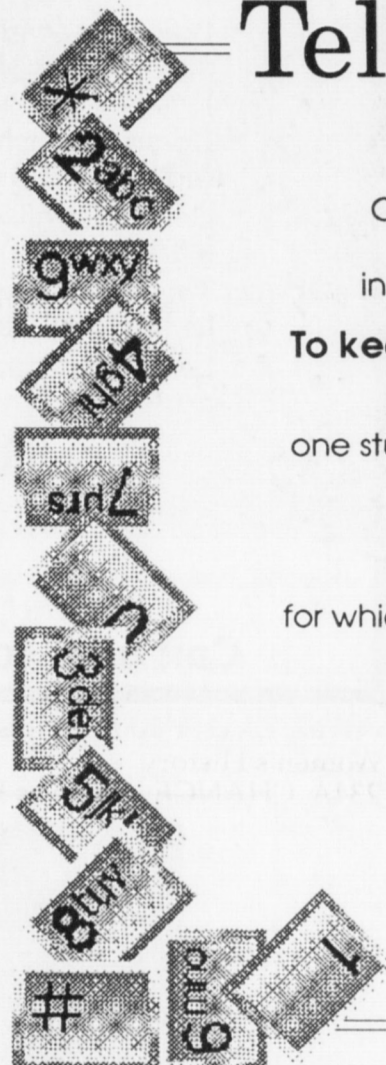
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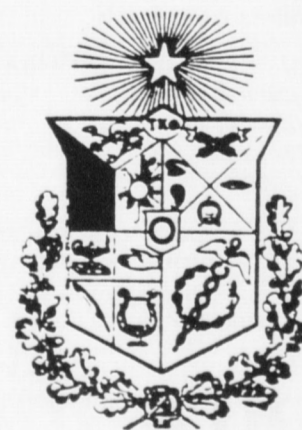
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## Comparative Literature Department

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**165. HOW PRACTICAL ARE "LITERARY THEORIES?"**  
Discussion of the philosophical questions concerning the definition of the concept "theory" and the use-value of "theories" across cultural and historical boundaries.

4-5 Units, Aut (Gumbrecht, Palumbo-Liu)  
TTh 10-12, Bldg. 240, Rm 241A

**284J. HEIDEGGER AND CONTEMPORARY THOUGHT**  
The development of Heidegger's thinking from "Being and Time" to the end of his life.

4 units, Aut (Girard), T 1:15-3:05, Bldg. 240, Rm 241L

**369. THE NON-HERMENEUTIC POSITIONS IN LITERARY THEORY SINCE 1970**

Contemporary theories of communication and literature and their historico-epistemological origins, including Deconstruction, Systems Theory, Lacanian Psychoanalysis, Media Theory, and others.

3-5 units, Aut (Gumbrecht) T 3:15-6:05, Meyer 145

**255. THE BODY POLITIC: GENDER AND NATION IN MODERN HEBREW AND YIDDISH LITERATURE**  
Traces the shifting constructions of gender and "folk" throughout the rise of modern Hebrew and Yiddish literature.

4-5 units, Aut (Seidman) Th 4:30-7:30, Bldg. 200, Rm 124

For further information, call the  
Comparative Literature Office at x33566

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# Bashful Cardinal fullback stabilizes backfield

## Minstrell rejects limelight

By Gretchen Atwood  
Senior staff writer

As far as anyone knows, there is only one Melinda Minstrell at Stanford.

But after listening to soccer coach Berhane Andeberhan and Minstrell, herself, describe her play, you'd think they were talking about two entirely different athletes.

Andeberhan stressed the sophomore fullback's excellent ball-handling skills and talent. "She's so smart, determined and technically sound that she rarely gets beat," he said.

Minstrell demurred. "I just don't think my skills are that great," she said. "When I came in here I felt like a total klutz. I didn't feel like I should be out there. I work hard and that's about all I've got going for me."

"That sounds dumb that someone could be a decent player without really great skills but I'm not that great with the ball. It's basically technique. I pretty much know what's going on, but it's getting the technique down so I can do it right."

Besides skill, speed is another area in which coach and player opinions differ.

"I'm not really fast," Minstrell said. "But it's weird because I don't always realize I'm not fast. Then we'll do sprints and I'm like, 'Wait a minute guys.'"

However, Andeberhan said that coaches in the past have slighted her in that area. "She thinks it is a bigger weakness than it is," he said.

Also the team emphasis on defense helps neutralize speedy opponents so Minstrell doesn't have to go one-on-one with a turfburner.

When No. 2 Stanford uses a three-back defense, the outside halfbacks help cover attackers coming down the sidelines, taking pressure off the fullbacks. "With three defenders we don't want to go outside too much because then it leaves a hole in the middle," she explained.

In the Cardinal's four-fullback system, Minstrell often plays in the middle. But even when she's outside, smart play keeps her from getting beat.

"When the attacker is coming down on the outside, instead of chasing someone down the sideline, you run towards the center," Minstrell said. "Then you're running a shorter distance and that saves your butt."

In the last game, the Washington coach tried to exploit Minstrell's supposed lack of speed by sending a lot of balls down the sidelines. However, the Cardinal fullback held her own and Stanford won, 3-1.

Minstrell, who was recruited by the Huskies, savored the victory.

"The coach at one point cut me off," she said of his underestimation of her speed. "It was his decision but I felt it wasn't right so I just want to prove every time we play them that I'm on a damn good team and I've improved."

But Minstrell stressed that she still has a long way to go. She'd like to read offensive attacks better and use her body more to her advantage.

"I'm lucky because I'm big and broad and I'm going to take up space," said the 5-foot-8 fullback. "But I need to push people around some more. It's really fun to just keep them out of the way, using your arms to stay broad."

"There are a lot of situations when, if you get your body in front of someone, you cut them off from so much. . . Intimidation is a big factor. In a way it's like basketball. You get your butt in front of someone and they can't get around you."

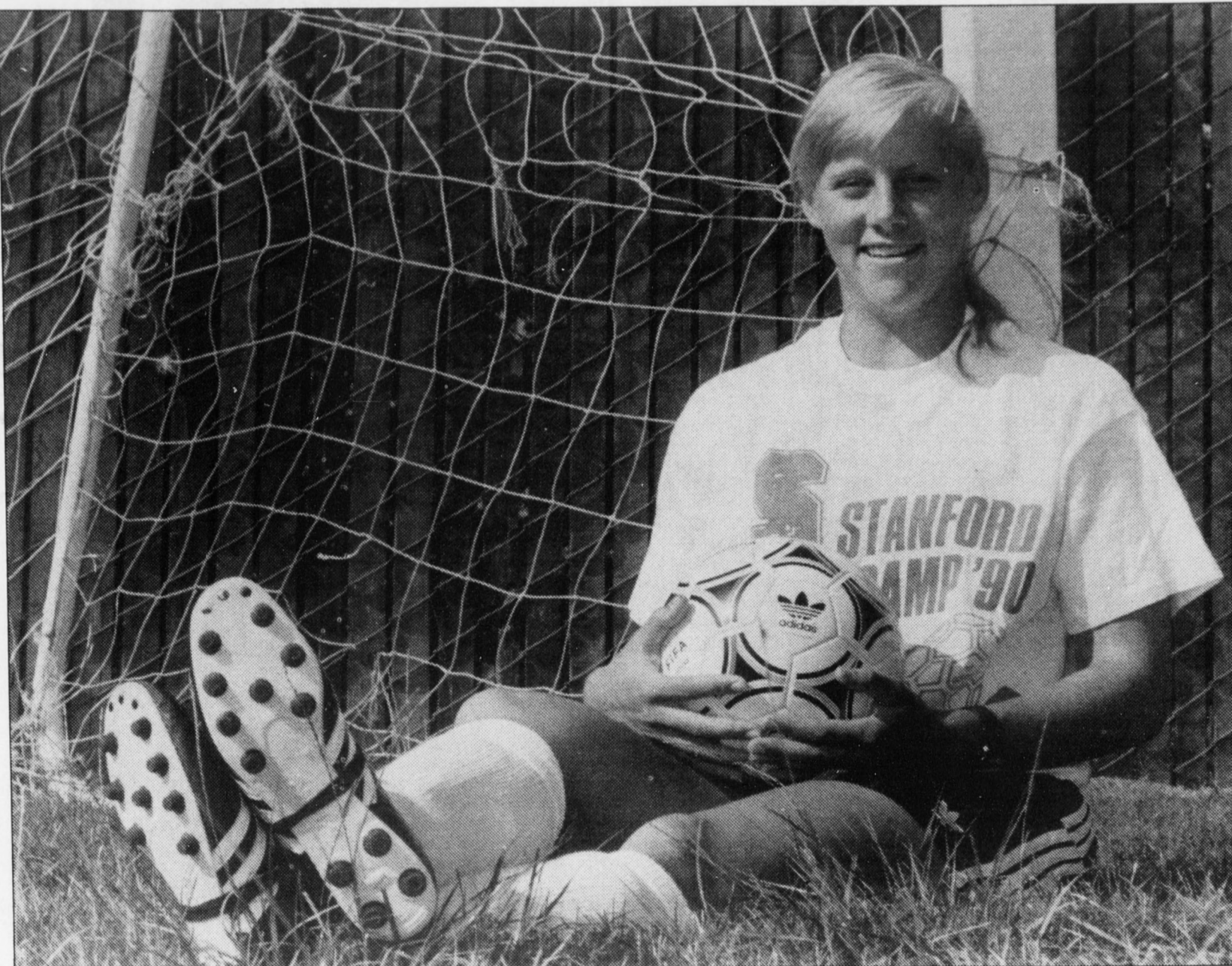
While she is more comfortable discussing targets of improvements rather than established strengths, Andeberhan is not that shy.

"Like most Stanford students, she's a perfectionist," he said. "She doesn't give herself enough credit. She'll play a brilliant game and come off the field thinking about one or two little mistakes she made."

"She's the best player to coach because she takes advice and criticism very well. To her, it's acquiring useful information that will help her improve. She's so humble and it's completely genuine. She's a key person for us but she'd blush if she heard me say that."

And as you'd expect from an important contributor, she bettered her skills during the off-season. "She's a lot more confident and she's fitter — a step quicker than last year," Andeberhan said. "She completely understands what she needs to do and that translates into more fluid play and more confidence."

And when she's confident, she's more vocal on the field. "It depends on how happy she is with her play," Andeberhan said. "She'll say more when she feels good about it. But she



Melinda Minstrell, a starting fullback for the Cardinal, hopes to pave the way for another Stanford shutout as the women's soccer team faces Cal State-Hayward today at 4 p.m.

demands so much from herself that she's quiet sometimes."

"When I'm confident I am more vocal," she said. What? Could player and coach be in agreement? Well, not quite.

"But I know one time when that wasn't the case," she said. "I was in a different mode than the rest of the team. I was having a great time but the only reason I wasn't talking is because I was tired. We were playing four defenders and I was pushing (the ball) upfield a lot."

Attacking in this manner is not something fullbacks get the chance to do very often. As primarily defensive players, fullbacks usually initiate the

offense with a pass to an open halfback or forward.

"That's one of the things I love the most — the transition," Minstrell said. "As a defender, when you push up, people just freak out. 'Oh, my gosh. Who's going to mark her?'"

In fact, last week against San Francisco, Minstrell did something fullbacks rarely do, she scored the first Cardinal goal.

"I went up for a corner kick," she said. "They want some of us who are taller to get in there and hit it in. Normally it doesn't get all the way through to me so it's kind of frustrating."

"But it's still exciting just to run for it on a corner kick. 'It didn't get to me. . . Oh, well. Run back. That was fun though. I got on another part of the field.'"

"It's nice to have the excitement of going forward because you're always doing the work that doesn't get paid back. So, every once in a while, you get to run forward and you get all excited. We defenders love that."

However, Minstrell considers

herself a defender at heart, despite the thrill of offensive play. Her first concern is guarding the goal.

"When we play games with no positions I end up back," she said. "I try to make myself go forward but I get frustrated when there aren't enough people (in the backfield)."

"Not letting the other team score is the most important thing. [The fullbacks] are in a similar situation as the goalie. Whenever we make a mistake, everyone can see it. But if a forward misses a goal it's different. You think, 'We'll have another chance. Don't worry about it.'"

Minstrell realizes her defensive responsibilities bring extra pressure on herself. However, she enjoys the intensity and welcomes it.

"There's been a definite step up in intensity," she said of this year's squad. "It's something we wanted, so it wasn't startling."

Despite the onfield focus, Minstrell said the team's No. 1

aim has nothing to do with what happens between the lines. "Our top goal is to get everyone on the honor roll," she said. And in an era of collegiate athletics in which a student athlete is, at best, a misnomer and, at worst, a player who passes Prop 48 and is capable of endorsing fat checks from boosters, the soccer squad's goal is unique.

"After all, [academics] are why we're here," Minstrell said. "It's not like we can go on and play in the NBA or something like that."

For now, she's concentrating on the task at hand, keeping opponents off the scoreboard.

But Minstrell remains perplexed about her coach's praise. "I still can't believe Berhane said ball-handling skills were one of my strengths," she said.

Unable to reconcile Andeberhan's assessment with her own, she shrugged and smiled in a reluctant concession to his confidence in her abilities. "But he's the coach so he probably knows."

### Women's Soccer

**TODAY** — Stanford hosts Cal State-Hayward on Maloney field at 4 p.m.  
**NOTES** — Stanford (6-0, ranked No. 2) faces CSU-Hayward (4-5) in a tune-up for this weekend's tourney at Notre Dame. The Andeberhan family is assured a victory as Hayward is guided by Julie Andeberhan, wife of the Cardinal coach. Former Stanford sweeper Heather McIntyre goes up against her ex-teammates in her first season as Hayward's assistant coach.

# Stanford football anticipates South Bend showdown

By Kevin Jeffery  
Senior staff writer

The crescendo that began with Bill Walsh's unlikely return to the Farm last winter will reach its high note this Saturday, when Stanford travels to South Bend to face Notre Dame. The sixth-ranked

Fighting Irish will present the No. 18 Cardinal with its stiffest test of the young season, and Walsh's involvement in both programs promises to add intrigue to this crucial contest.

In his final autumn at NBC, Walsh broadcast six Fighting Irish games, along the way gaining enormous respect for the Notre Dame program. Walsh

himself has said that without his experience broadcasting at Notre Dame — getting to know players, rekindling his interest in teaching, tasting the enthusiasm of collegiate athletics — he never would have returned to the sidelines. A bit of what Walsh gleaned from the booth has made its way into his own system.

"We're implementing, in a sense, some forms of what they do. We at Stanford cannot duplicate all those things [recruiting techniques, etc.], for a lot of reasons. But we can learn from Lou Holtz's approach, which, in terms of recruiting and assisting the student athlete, is really on the cutting edge of collegiate football," Walsh said.

But neither Holtz nor Walsh felt the broadcaster's time in South Bend will give Stanford an unfair insightful advantage Saturday. Holtz was private with his gameplans, and, as Walsh said, he hardly had time to memorize Irish blocking schemes with his producers jabbering in one ear and Dick Enberg prompting in another.

Which simply leaves us with one dandy match-up. One that pits the nation's second-rated defense against college football's most talented backfield. One that, when it's over, will speak volumes about the maturity of the Cardinal program.

Three-game winning streaks and No. 18 rankings still aren't that familiar at Stanford. Impressive they are, but with a brutal schedule ahead of them, the Cardinal could easily lose poise and stumble to a near-.500 record. To play well in the midst of the Notre Dame mystique, in front of a national audience, would move Stanford one step closer to being consistently mentioned in the same breath as Washington and UCLA.

Walsh expects no less. "Some teams cave in (in that kind of atmosphere). The teams that struggle are the ones still trying to prove themselves and don't have the maturity."

"The better teams aren't affected by the mystique, they just come in and play. I think we can go into a stadium with a lot of folklore and just play our game," he said.

Offensively, the Cardinal's game will have to be a

much stronger one than they've put forth all season. The Irish have held opponents to under 14 points per game, and last week shut out Purdue (who earlier beat the Weenies 41-14). Demetrius Dubose, Notre Dame's all-everything inside linebacker who was forced to sit out two games for allegedly taking gifts from alumni, returned and has made 13 tackles in two weeks.

Stanford quarterback Steve Stenstrom struggled against San Jose completing only 13 of 26 passes. The offensive line has been a concern all season; Stenstrom cannot take the physical pounding their porous pass blocking has subjected him to much longer.

The strength against strength match-up will take place when Notre Dame's offense lines up across from the Cardinal defense. The Irish feature one of the nation's top quarterbacks in Rick Mirer, who Walsh said "would have been the first pick in the NFL draft" had he come out as a junior last year. Behind Mirer stand perhaps the best pair of backs in college football: tailback Reggie Brooks and fullback Jerome Bettis.

Bettis pounded the Cardinal last year for 179 yards on the ground and four touchdowns. This year the 6-foot, 250-pound truck has average 95 yards rushing per game. Brooks has been equally impressive and last week exploded for 205 yards.

Yet, if last week was any indication, Stanford's defense will be up to the task. San Jose State gained just 38 yards on 29 carries Saturday, and chalked up a mere 75 total yards before their final drive of the game. The secondary had its best week of the season, with Vaughn Bryant, John Lynch and Billy Wittman each picking off passes. Up front, outside linebacker Ron George and defensive lineman Estevan Avila added to the Cardinal's impressive sack total, which now stands at 15.

If the Cardinal does get past Notre Dame, it will be only the Irish's fourth home loss in six years. Of course, Stanford handed them one of those losses two years ago in a 36-31 shocker that knocked Notre Dame from the No. 1 ranking.



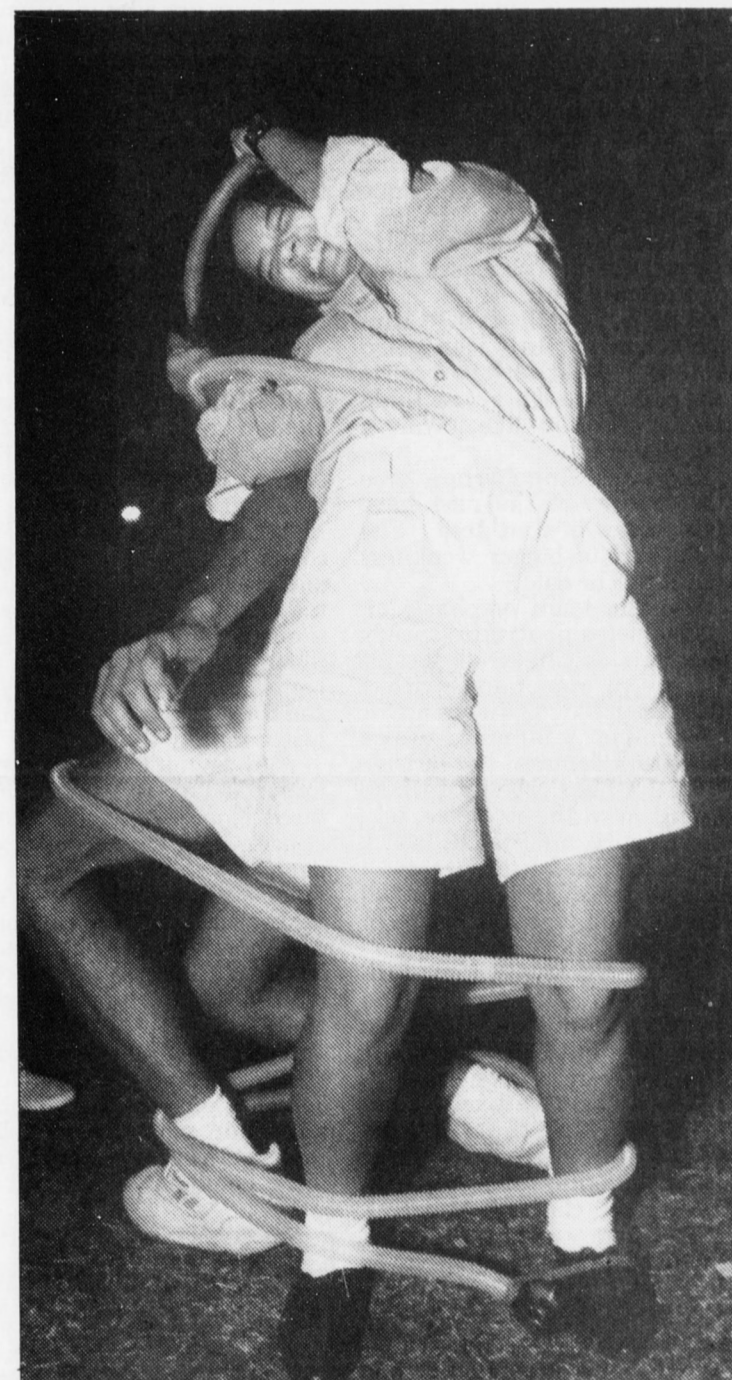
Two years after the Stanford upset of Notre Dame, Glyn Milburn looks to lead the Cardinal to another victory in South Bend. The Cardinal offense hopes to kick into high gear against the Fighting Irish this Saturday.

Al Green — Daily file

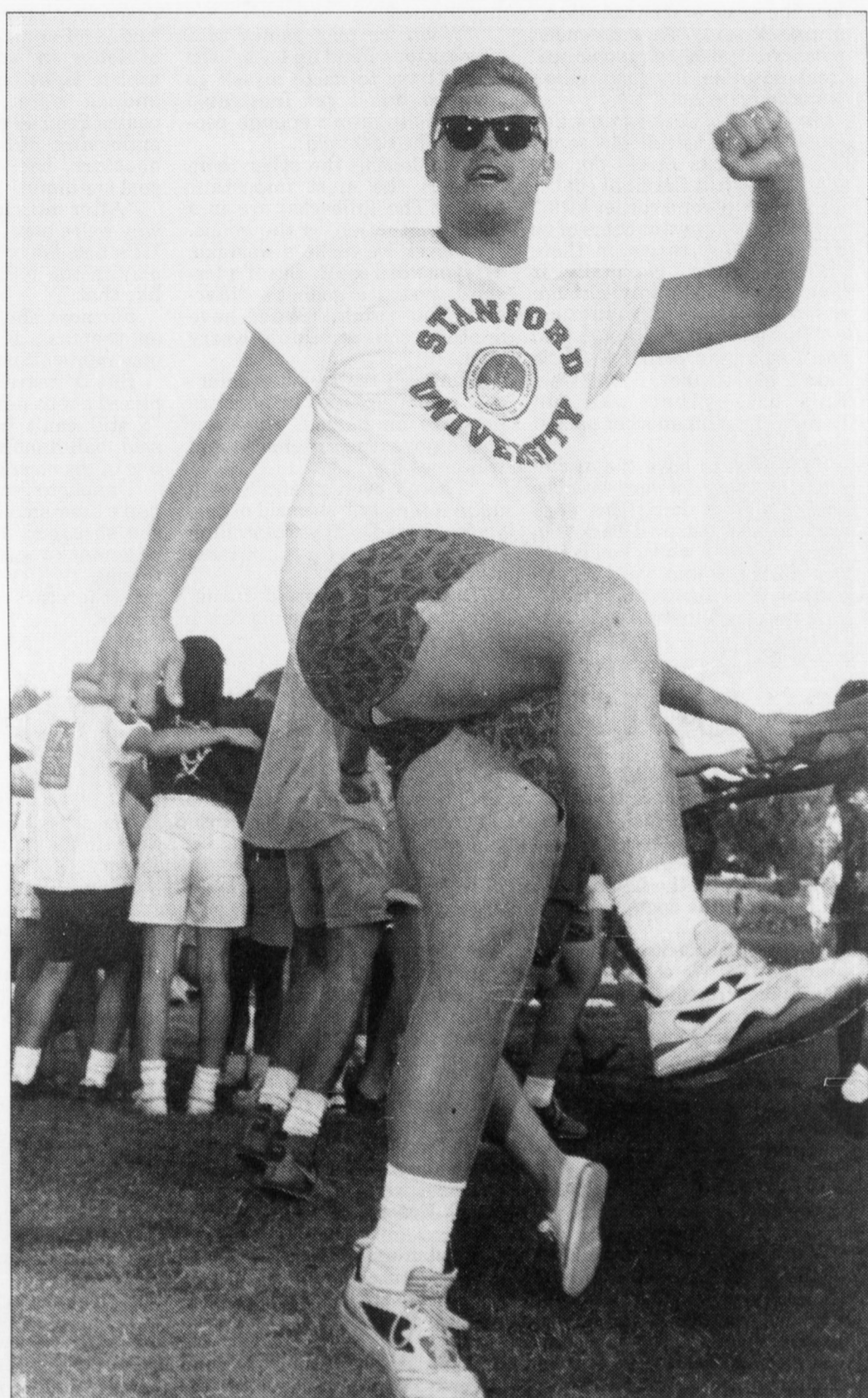




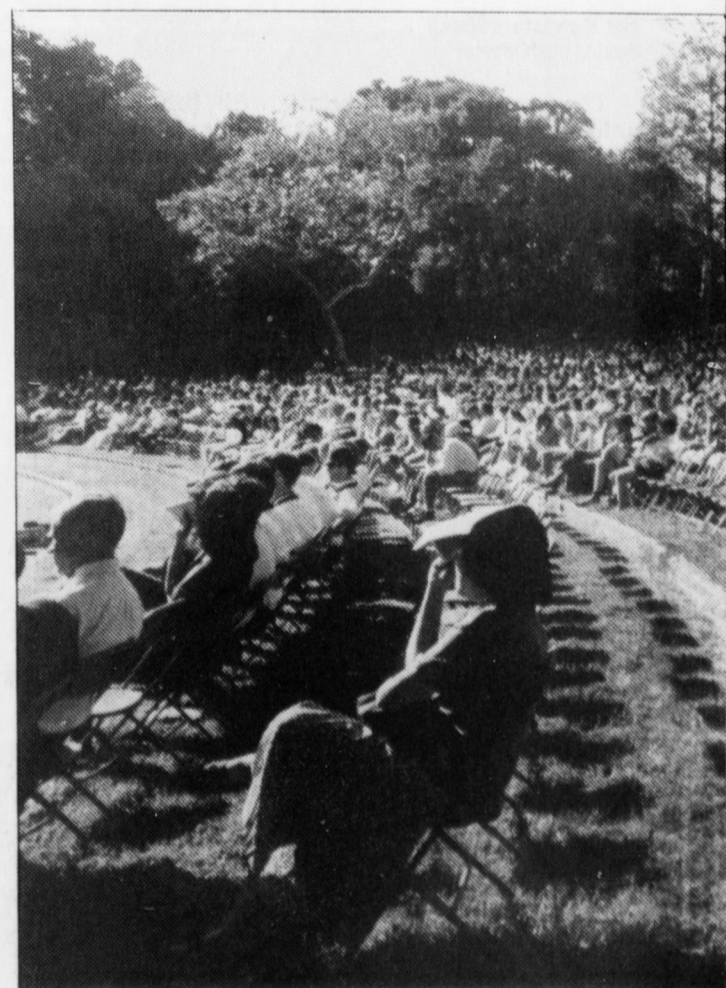
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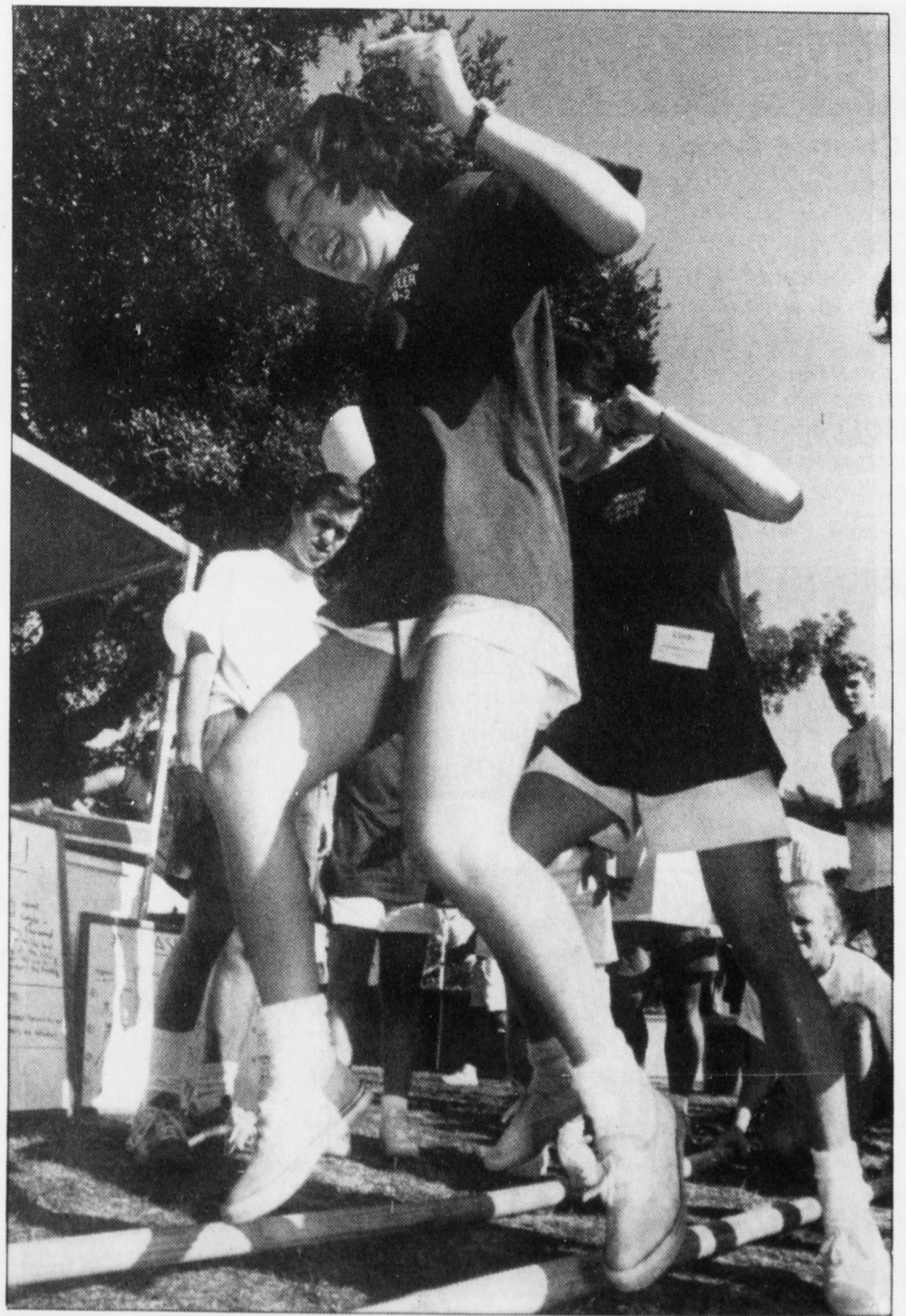
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# First Days

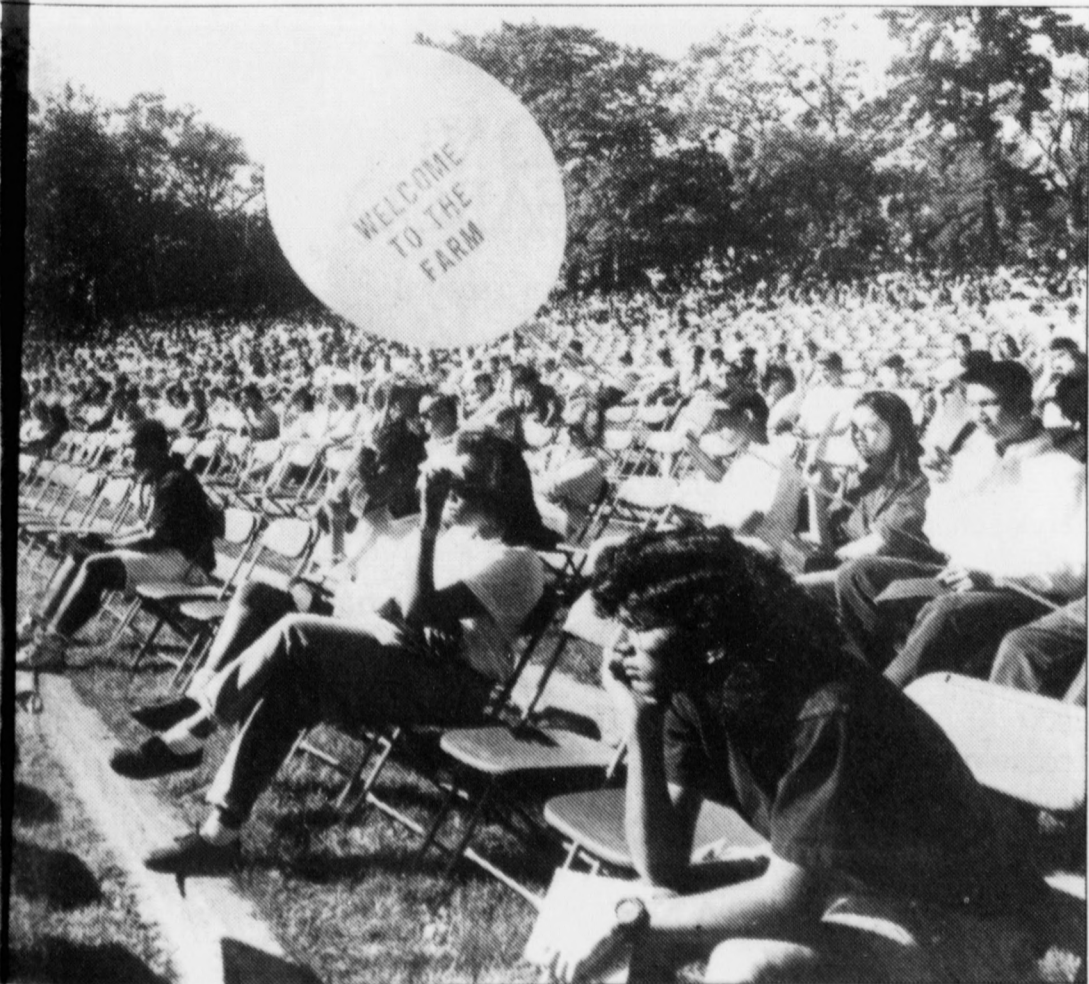
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101  
**Introduction to Feminist Studies:  
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(Same as Anthropology 12.)

102D  
**Feminist Literary Theories**  
(Same as Religious Studies 131.)

145A  
**Woman's Health Research**  
(Same as Human Biology 30)

127  
**Women and Moral Theory**  
(Same as Education 276)

244A  
**Naturalizing Power:  
Kinship/Gender/Race/Sexuality**  
(Same as Anthropology 244A)

003B  
**Women Writing Women's Lives**  
(Enroll in Freshman English 3B)

126A  
**20th-Century American Fiction**  
(Enroll in English 126)

158A  
**Introductory Seminar:  
Women in the Modern African-American  
Freedom Struggle**  
(Enroll in History 58S)

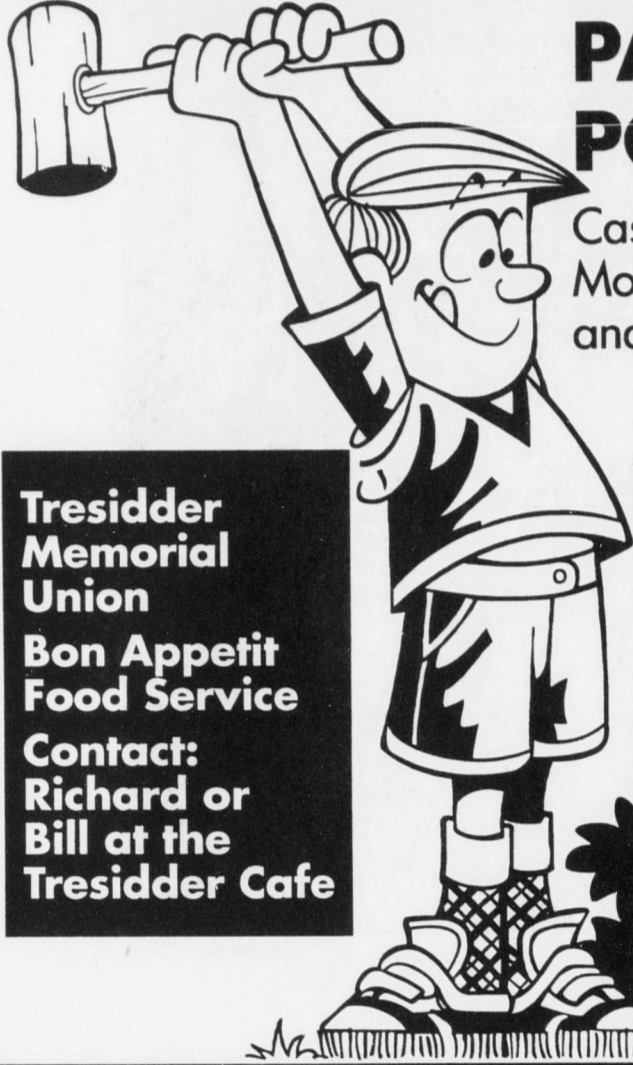
175A  
**Women in Jewish Modernity**  
(Enroll in History 136)

237  
**Women and Health**  
(Enroll in Medicine 237)

294B  
**Sexualities and Love at the End of the Century**  
(Enroll in German Studies 294)

296A  
**Austrian, German, and Swiss Women Writers of  
the 20th Century**  
(Enroll in German Studies 169/269)

358  
**Seminar: HD and American Women Modernists**  
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# Techie central

## CompSci to get new home in '95

By Luis Orona

After building an empire out of computers, Microsoft Corporation co-founder William Gates has just helped lay the foundation for a new Information Sciences building with a \$6 million gift to the University.

The new \$26.1 million building, to be completed in 1995, will house the Computer Science Department and will bring together facilities now located in nine different places around campus, said Computer Science Prof. Nils Nilsson.

The new facility, to be known as the Gates Information Sciences Building, will provide better facilities and laboratories for robotics, computer systems and other departmental research. It will also include six classrooms, the largest accommodating about 600 students.

"Besides being separated, the facilities we have now are substandard. We don't have enough lab space and we can't be close to our students while doing research, and that's really important," Nilsson said.

Microsoft Corporation has given Stanford more than \$100,000 for scholarships, but this is the first time Gates, who is not a Stanford alumnus, has made a personal gift.

Gates said he made the gift because he wants "to invest in the future of the industry, and Stanford is one of the five best computer science schools in the country, one where many fundamental breakthroughs have occurred."

The new facility ought to enable researchers to make decisive progress in many areas of information science, said Electrical Engineering Prof. John Hennessy, director of the Computer Systems Laboratory.

For example, progress in learning how to program multi-processors, high-performance computers built from many small processors, has been much slower than their actual production, Hennessy said.

Much progress also needs to be made in robotics and artificial intelligence, areas in which interaction is vital, said Assoc. Computer Science Prof. Jean-Claude Latombe, director of the robotics laboratory.

The new building will house about 60 percent of the Computer Science Department and will be built next to the Gilbert Biosciences Building on Serra Street, just west of the Quad.

It is part of the planned Stanford Near West Campus, a group of buildings that will provide facilities for engineering and sciences programs.

# Security stats show sobering trend

By Kimberly Chrisman  
Senior staff writer

A new publication listing safety and security statistics for the past three years reveals definite but opposing trends in campus crime.

Building and vehicular burglary are on the rise, while drug and alcohol violations have dropped dramatically.

University officials attribute the recent decline in alcohol violations — from 235 in 1989 to 38 in the first half of 1992 — to several factors, including the alcohol policy instituted in Nov. 1990, programs sponsored by the Office of Residential Education and other groups and changing policies and practices among students and administrators.

"I would attribute it to the alcohol policy and the work that we have been doing over the years through Res Ed and other community programs," said Dean of Students Michael Jackson. "One of the other factors is there are

a lot more efforts in high schools to teach students what we're trying to teach."

Jackson also cited the changing nature of campus social events, which often center around athletics or community service rather than alcohol consumption.

"Very rarely do we have the large, out-of-control fraternity parties," he said. "That's not to say that people aren't drinking, but there's no stigma in not drinking."

"It's just not cool to get drunk and sloppy, you know? I think a lot of students believe that now," Jackson added.

Stanford Police Chief Marvin Herrington attributed the trend to "the change in the federal law placing responsibility on universities to reduce alcohol abuse on campus and the fact that we have barred alcohol in the stadium."

"Our alcohol arrests are generally on-the-street arrests for public drunkenness or drunk driving," he said.

Herrington also commended programs

sponsored by Cowell Student Health Center, including Counseling and Psychological Services, the Health Promotion Program and Project R'ISC.

"Over the past few years, those programs have begun to pay off," he said. "Student groups are better at running parties now because they have these alternatives."

While the decrease in alcohol violations can be attributed to the collective effort of several groups, other crime trends have more specific causes, Herrington said.

"As for the drug violations, all I've got to say to you is Grateful Dead," he said. "1989 was the last year the Grateful Dead was here. We made over 40 arrests at that one concert."

According to the booklet, 61 drug-related arrests were made in 1989 alone, and only 26 have been made since that year.

Herrington blamed this year's 37 percent increase in vehicular burglaries to a rash of related crimes which were not limited to the campus.

## Crime

Continued from front page

of rape report it to the police. The national average of rapes reported is 10 percent, she said.

Although colleges are required to list the incidence of felonies, excluding arson, and arrests for drug and alcohol violations and weapon possession, they are not required to report incidences of sexual assault, which may be confused with rape.

"People tend to confuse the rape issue," Niemeyer said. "Rape is narrowly defined by the penal code. Sexual assault could be a

number of things, such as sexual battery, which is grabbing the person's private parts, or unlawful sexual behavior with a minor, or forced oral copulation, or attempted rape."

Although sexual assault has occurred on campus in the past three years, it does not fall under the category of rape and is not listed separately in the booklet, Niemeyer said.

However, Herrington said the required categories give "a good sampling of campus crimes, because these are the things that people are most interested in."

Niemeyer said that in addition to complying with federal law, the booklet is tailored to meet the

needs of the Stanford community. For example, theft is broken down into bicycle theft and motor vehicle theft, because bicycle theft is a significant problem on campus.

Although the act also requires that deans and residence staffs report crimes of which they become aware, Dean of Students Michael Jackson said this "doesn't mean that resident fellows and resident assistants will turn into crime reporters."

"We've always been vigilant in keeping track of things going on on campus, in and out of the residences," he said. "What this act mandates or encourages us to do is keep accurate records and to make these available to the com-

munity." Education Department officials plan to review campus security publications this winter. Institutions that do not comply with the law risk losing their eligibility for federal student aid.

But, according to Jackson, "What we risk most is not having a safe community. I'm worried less about the law than the safety of this community."

"Safety and Security" has been distributed to all campus residents and will be mailed to undergraduates living off campus. It is also available to the community through the Dean of Students' Office and the Department of Public Safety.

# Dorms vie for trees, awareness in campus recycling contest

By Romesh Ratnesar

The Stanford Recycling Center's 5th annual residence-based recycling contest kicked off Tuesday, aiming to educate students about "correct" recycling. Winning residences will receive trees as prizes.

The center's judging criteria will take into account both per capita volume of recycled material and general orderliness of the 55-gallon recycling containers,

according to the center's Public Education Manager Heidi Clark.

"There is a problem with judging solely on volume," Clark said. "This is not meant to be an encouragement of consumption."

"Our effort is to educate and increase awareness that recycling is an ongoing concern," Clark said.

She said that the center would campaign most vigorously in dormitories, which in the past have had the poorest

record of recycling.

While cooperative houses in past contests have averaged about 33 gallons of recycled material per student, dorm students have managed to recycle just 13 gallons apiece over the course of a quarter.

Clark said that recycling levels have generally been 15-20 percent higher during past contests than in the previous spring quarter.

The recycling center hopes this com-

petitive enthusiasm will develop into a habitual commitment to recycling by students, Clark said.

To promote such a change and increase its visibility, the organization is planning a widespread campaign that includes slide shows and clear instructions on proper disposal techniques in recycling areas.

But if environmental sensitivity does not foster waste reduction at Stanford, economic and political imperatives might.

According to Clark, rising costs for garbage disposal, coupled with California state legislation that mandates the University recycle 25 percent of its waste by 1995 and 50 percent by the year 2000 could heighten the importance of the recycling center's future campaigns.

The contest will run throughout fall quarter. The top two residences in each of the three divisions — cooperative residences, self-operative houses and dormitories — will receive prizes.

math professor whiplashes biker. teacher allegedly molests child. professor harasses female student. jewish

## reporters write

studies department expands. school of earth sciences launches new program. student committee leaks information.

## graphic artists draw

women's volleyball dominates pac-10. senior allegedly coerces freshman. fraternity designs lethal party decorations. budget

## proofreaders punctuate

baffles faculty. old dell house erupts in flames. unknown students snatch stone dog. med school doctor removes 300-pound

## account execs sell

cyst. gay activist catapults orange at governor wilson. assu rejects judicial charter changes. medical school prof. resigns

## biz managers budget

because of sexism. medical school security forcibly escort student. students rally to save the arts. sophomore donates

## photographers shoot

\$200,000 to charity. fraternity members hurl bicycle off roof. greek system organizes new judicial board. epa penalizes

## layout artists design

stanford. police arrest senior. the daily annoys administrators. junior commits suicide. fire engulfs east bay.

## columnists opine

freshmen emble to excess. the band offends catholics. the cardinal axes the bears. university bulldozes synergy and

## editors sweat

dell houses. committee selects new president. cop deposes itself. fire sweeps through foothills. scientists monitor mars.

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## Fetter

Continued from front page

happens once every 10 years at Stanford."

So she put her book aside and immersed herself in managing the search committee, which turned into a five-month, full-time job.

Fetter joked that only a short time after setting up an office in the Education School, she was so busy with the committee that she "was going back once a week to water my plant and collect my mail."

In March, with the job completed, Fetter returned to writing her book. But as Casper searched for an assistant this summer he realized that Fetter's experience on the search committee — along with her long career at Stanford — would be invaluable traits.

Announcing her appointment in July, Casper said, "The variety of experience Ms. Fetter has is obviously a tremendous attraction for me because I still have to learn about the Stanford institution, Stanford people and Stanford problems."

And during the process of evaluating candidates, the search committee "first of all tried to find out what bugs people," which means Fetter is familiar with the concerns of people in most areas of the University, Casper said.

Since beginning her new job Sept. 1, Fetter has kept a hectic pace. "Building 10 is never dull," she said. "There's no such thing as a typical day in the president's office."

The job has been made more challenging by Casper's streamlining of the University's administration, which vastly expanded Fetter's set of responsibilities.

When Vice President for Public Affairs Bob Freelen retires Feb. 28, Fetter will begin supervising many of the offices that had been overseen by Freelen — whose position was eliminated by Casper's restructuring.

These four offices include Government Relations, which will play a critical role in solidifying Stanford's financial future by helping to negotiate a new indirect-cost rate with the federal government.

A graduate of Oxford University who holds three physics degrees, Fetter has been a long-time advocate for increasing the representation of women in scientific fields.

As the only woman on the physics faculty at San Jose State for eight years during the 1960s and early '70s, Fetter said she "really felt a responsibility to encourage young women to be physics majors."

She was also the victim of some subtle sexism herself. Fetter recalls the first physics lecture

she taught at San Jose State in 1966.

Arriving early, she sat in a chair at the front of the classroom as students began to filter in. One male student eventually approached her and asked, "Are you auditing this class?"

"I said, 'No, I'm teaching this class,'" Fetter said. "I never forgive him for that. I don't think he ever recovered from that, either."

But despite her science background, Fetter is passionate about improving the humanities and helping students take greater advantage of Stanford's opportunities, such as overseas studies.

She also wishes that students would make more of an effort to establish relationships with faculty.

"I'm sometimes dismayed when I talk to graduating seniors who say they don't know any faculty well enough to have them write a recommendation," she said. "Some people don't even know their advisers."

Fetter finished the first draft of her book on admissions in mid-August. It examines affirmative action and multiculturalism, describes some of the "ethical dilemmas" she faced, and offers case studies of some of the "particularly challenging decisions" they made, Fetter said.

"It was therapeutic for me to put into words some of the thoughts I had had in admissions," she said.

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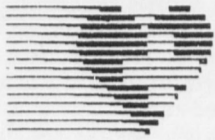
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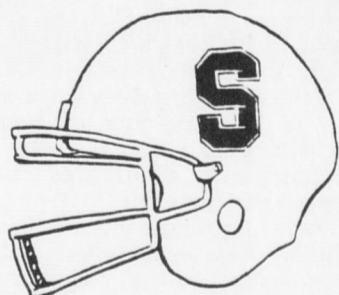
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## Crossword

Edited by Eugene T. Maleska No. 0819

**ACROSS**

- Altman film: 1970
- Father of the Federal Reserve
- Choir member
- Dissenter
- Tennis exchange
- Lamb's alias
- Deer country?
- Verdi heroine
- Kind of current
- He of the knitted brow
- Thrown
- Pif.'s antagonist
- Cooking abbr.
- A Turkic language
- Impurity in metal
- Inn, in Izmir
- Usable asset
- Poppaea's third husband
- Glasgow or Terry
- Nantes notion
- Sihanouk's homeland
- Belgian seaport
- Shadow
- Pulled along
- Spanish king
- Originally named
- Highly ranked nobleman
- Means
- Leads astray
- Hodgepodge
- Wilbeests answer the call?
- Norse capital
- An 18th-century American portraitist
- Entertainer Adams
- Noted army surgeon
- Worked for the C.I.A.
- Shoot off one's mouth

**DOWN**

- Neither fem. nor neut.
- Kind of pier
- R.b.i. or e.r.a.
- Exhilarating moments
- Got a sheepskin
- Quiescent
- The Greatest
- Like a snail
- Clerical governing body
- Snack for Smokey?
- Part of et al.
- Facet
- Region of SW Germany
- Actor Nick
- Give new appearance to
- Country of long fish?
- Colored
- Vilify
- Stendhal's 'The Charterhouse of ...'
- Western Indian
- Demand
- Locale
- Rundown
- Headwear for a bird?
- Deceived: Slang
- Weeks in the year MMI
- Bread spread
- Edberg or Borg
- Scrap
- Perimeters
- Concierge
- Othello, e.g.
- Otherwise
- Mah-jongg piece
- Piece of cake
- Bach finale
- Mavourneen's home
- Editor's notation
- Inst. in the Ocean State

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SORT ALARM JAZZ  
 OPAH NORIA OLIO  
 MENU GOING LAGO  
 ANIMALMAGNETISM  
 BLESS OMS  
 RAINER FLU CCC  
 ELGAR AMOI BOLO  
 POLITICALANIMAL  
 ENOL DIRK ORBIT  
 LEO BED ARDORS  
 ARA PALMS  
 ANIMALHUSBANDRY  
 DELI EERIE ERIS  
 EXIT SMEAR SAGE  
 STAY SPENT TBAR

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Daniel Baird Bergstresser Jessica Yvette Brewster Ian Hin Yun Chan Chi-Ming John Chien Nicole Madrid Conti Prajnan Das Anne Oreind Decker	Gerald C. Fang Rebecca E. Fisher Joshua Alexander Folk Linda Robin Friedlieb Veronica Galindo Heidi Carol Grew Juthymas Harntha	David Avi Hollander Alexander M. Hunt Jonathan Edward Huston Steven Ives Jaffe Chi Young Kim Amy Rachel Kohn Yiupun Michael Kwong	Harry Hong-Lun Lai Kristen Ashley Lamb Kristianna M. Ledesma Keane K. Lee Jessica Maren Levine Hong Khiang Lim Michael Hongmai Lin Nancy Uan-Tsin Lin	Lawrence Lon Liu Frederick B. Mancoff Christopher W. Mattern Samina Habib Moon Michelle Amy Morgan Alykhan S. Nathoo Keela Nichole Pierce	Erik Douglas Ragatz Emily Jessica Schaffer Robert Brian Schmidt Abdol-Ali Soltani Vipal Soni Stacey Su Derek Shieh Tan	Drew William Ungerman Mona Wang Eugene Chuan-Huai Wei Kira Juliet Weissman Hilary Lene Wilson Michael Jordan Winnick Christopher Jum Wong Daniel K. Yuen
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## National Awards

<b>Rhodes Scholarship</b> Cory Booker Omphemetse Mooki Robert Sternfels	<b>John Gardner Public Service Fellows</b> Ariane Hoy Verna Kuo Allen Thorpe	<b>Fulbright Scholarship</b> Marshell D. Jones	<b>DAAD (German Academic Exchange)</b> Jaimey Fisher
<b>Marshall Scholarship</b> Carlos Lerner	<b>Echoing Green Public Service Fellows</b> Melissa Vine Stephen Williams	<b>Fulbright Teaching Assistantships</b> Holly Bartling Diana Blank	<b>James Irvine Foundation Fellowships in Education</b> Herbert N. Berry Monique A. Coughran Tamber L. Dinwiddie-Marin Kassandra L. Vitacca
<b>Harry S. Truman Scholarship</b> Allison Moore Sherri L. Wolson	<b>Blessed Way/Echoing Green Public Service Fellow</b> Erron El-Amin	<b>Fulbright IIE Asia/Pacific Award</b> Juanita Klogston Ryan Yuzon	<b>Mellon Education Fellows</b> Helen H. Kim Andrew Pierce
<b>Barry M. Goldwater Scholarship</b> Miriam J. Baron Christina J. Laane Seth D. Berger	<b>Edwin, Frederick, and Walter Beinecke Memorial Scholarship</b> Michelle M. Mello	<b>Bundeskanzler Award</b> Marlowe Johnson	<b>Mellon Humanities Fellows</b> Noel Maurer Wendie Schneider
	<b>Bowman Scholarship</b> Rebecca Gettleman	<b>American University of Cairo Internships</b> Susan Fry Michael Barsa	

## University Awards

<b>Lloyd W. Dinkelspiel Award</b> Mark Forehand Valerie Mih	<b>Firestone Medals for Excellence in Undergraduate Research</b> Tracy J. Allen Maryam M. Asgari Victoria Carreon Kathryn Mary Clark Jennifer Gail Cohen Richard Dandliker Jeremy S. Dittman Karen E. Ferree Andrew S. Kayser Craig M. Klugman	<b>Robert M. Golden Medals for Humanities and Creative Arts</b> Diana R. Blank Adriana D. Briscoe Jennifer E. Burger Deborah S. Claymon Samantha J. Davidson Jonathan M. Eisenberg Michael K. Friedly Melissa A. Marshall Elizabeth J. Palmberg Alan Carl Rakov Wendie E. Schneider Kiaran E. Snyder W. Matthew Waddell Andrew C. Wilcox David S. Wilson
<b>Deans' Award for Academic Achievement</b> Stark C. Draper Marshell D. Jones Balasz Kralik Daniel J. Levitin Christopher K. Patil Lea Wolf	<b>Ernesto Galarza Prize for Undergraduate Research</b> Laura C. Reyes M.	<b>Richard S. Goldsmith Award</b> Karen Ferree
<b>Chappell-Lougee Scholars</b> Marc Berman Teresa Kong Allison Moore Sebastian Simsch Amy Stevens	<b>Escobedo Scholarship</b> Marta Carrillo	<b>Sudler Prize in the Creative Arts</b> Paula Johnson
<b>Merrill Carlsmith Prize</b> Marc Kaye Smith	<b>Humanities Prize for Advanced Study</b> Jaimey Fisher	

## Departmental Awards

<b>John Shively Fowler Memorial Award in Photography</b> Mark Burns	<b>IEEM Outstanding Undergraduate Academic Achievement</b> John Neale	<b>Nancy Ogden Ortiz Memorial Prize in Anthropology</b> Elizabeth Anne Niestat	<b>Humanities and Science Awards in Music</b> Kyon Chung Tracy D. Wax
<b>Raina Giese Award in Creative Painting</b> Elizabeth Compton	<b>Merck Index Award for Outstanding Graduating Senior in Chemistry</b> Michael Harville	<b>Joseph H. Greenberg Prize for Service to the Department of Linguistics</b> Joseph Ledesma	<b>Blew-Culley-Lafollette Prize in Piano</b> Stacey Su
<b>Haneberg Award in Printmaking</b> Daniel James Nelson	<b>American Institute of Chemists Medal</b> David Wang	<b>The Clarence Army Prize for Poetry</b> Matthew Brockwell Tera Martin	<b>Philip R. Rhinelander Award for Outstanding Achievement in and Service to the Department of Philosophy</b> Nicholas Beim
<b>Humanities Awards in Art History</b> Jennifer Roberts Diane Waggoner	<b>S. S. &amp; I.M.F. Marsden Memorial Prize in Chemistry</b> David Wang	<b>Dorrit Sibley Writing Prizes for Fiction and Poetry</b> Jeffrey Libby	<b>David S. Levine Award for Outstanding Undergraduate Scholarship in Physics</b> Wayne Steven Felson Mark Steven Goldman Andras Vasy
<b>Humanities Award in Studio Art</b> Anne Warriner	<b>Chemical Rubber Company Freshman Achievement Award</b> Geoffrey S. Baird	<b>Irene Hardy Prize for Poetry</b> Erin Rosen Leta Huang	<b>Rebecca L. Carrington Award in Physics</b> Neil Andrew Switz
<b>Guilla Webster McFarland Award in Design</b> Aram Irwin	<b>American Chemical Society Undergraduate Award in Analytical Chemistry</b> Edmond Hua-Tung Teng	<b>Michelle Z. Rosaldo Essay Prize in Feminist Studies</b> Dominique Blom Sherifa Edoga Hilary Price Elizabeth Riles Kirsten Sword	<b>Edwin A. Cottrell Memorial Award for best students in Political Science 1</b> Bradford C. Johnson, Jr.
<b>Daniel M. Mendelowitz Memorial Scholarship</b> Suttirat Larlarb	<b>W. B. Dickman Speech Prize in Engineering</b> Jason M. Donahue Emmett J. Witchel	<b>Michelle Z. Rosaldo Prize for Undergraduate Fieldwork</b> Dominique Blom Natasha Iskander	<b>Kung-yi Kao Prize for Outstanding Progress in the Study of Chinese, Japanese or Korean language</b> Lawrence Kay Jen Judy Ai-Sun Chi Nerissa Li-Ting Wong
<b>Boothe Prize for Excellence in Writing Cultures, Ideas and Values</b> Abigail Derecho Jennifer Cho	<b>W. B. Dickman Writing Prize in Engineering</b> Mark Charles Field Ron Emilla Dianne Newman	<b>James Birdsall Weter Prize for Best History Honors Thesis</b> Jeffrey Holzman Brian Vick	<b>James Liu Prize</b> Gustav C. Heldt
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