

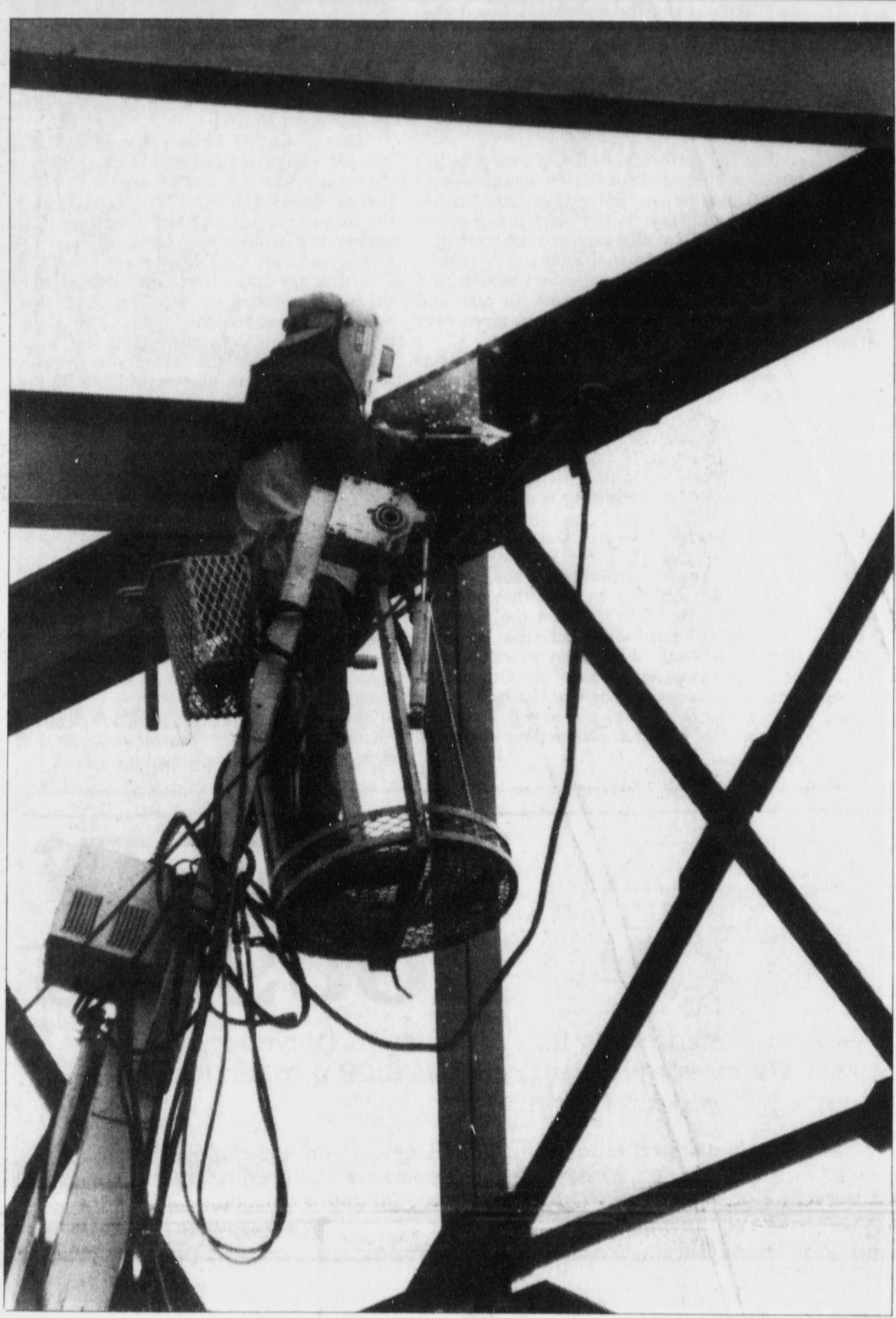
THE STANFORD DAILY

An Independent Newspaper

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98th YEAR

WEDNESDAY, JANUARY 10, 1990



Hot stuff happening here

An employee of Lee's Industrial Welding Co. is hard at work on the new Athletic Department building. The structure is located behind Burnham Pavilion, formerly Old Pavilion, and is planned to house a new weight room, squash and racquetball courts, as well as lockers and offices.

Kai Keasey — Daily

Rape victims given options

Task force report outlines possible aid for assaulted

By Marli Marinelli
Staff writer

The University's Task Force on Sexual Assault, attempting to raise awareness of a campus problem, will release next week a draft report detailing options for victims of date rape and other forms of sexual coercion.

The draft will put forth procedures victims can follow in the event of a sexual attack and will provide guidance for resident assistants, resident fellows and others who want to help assault victims.

"Stanford cares about victims of sexual assault and wants to put that caring into an understandable, helpful set of procedures that will assist the victim," said Patricia Fabiano, who co-chairs the task force and is Cowell Student Health Center director of health promotion.

Resident assistants and resident fellows will meet next Thursday night to receive copies of the "Interim Response Protocol" and to undergo training to help counsel victims of sexual assault.

The protocol marks the first attempt by the University to create a standardized procedure for assault victims to follow. "All this adds up to the statement that this

is an important issue on campus," Fabiano said.

The one-page draft will be published in Campus Report and will be widely distributed around campus for student comment. The protocol is a temporary rendition of an official, more specific version that will be ready in November.

Because the protocol encourages victims to report sexual assaults, Fabiano said she expects an increase in the number of reported rapes once the report is published.

"We're providing a climate that will be supportive to reporting," she said.

However, Fabiano added that reporting an assault entails "more than just calling the police."

"Reporting is the beginning of a healing process from sexual assault. It's coming out of secrecy and isolation. . . . It enhances the opportunity for recovery and helps the victim accept the reality of what's happened and assert the reality that it shouldn't have happened," she said.

The protocol will outline "three major gateways into services that will aid victims of sexual assault," Fabiano said, summarizing the protocol's contents.

One gateway is the Stanford

Police Department, which, Fabiano emphasized, will not require the filing of a report, but will place the victim in contact with a sensitive, trained officer who will provide medical, legal and counseling services.

Another gateway is the Stanford Rape Response Group, a group of trained counselors who will provide guidance and support.

The third gateway, the YMCA Rape Crisis Center, will also advise victims of their medical, legal and counseling options.

"All of the gateways will be equally helpful," Fabiano said.

"All three gateways are there to tell survivors that you don't have to go through this alone. You have choices; we're here to let you know your options and to be with you for whatever you need to help in your healing," she said.

Fabiano and junior Suzanne O'Brien chair the task force, which is made up of various students and representatives from the Public Safety Department, residence deans, Residential Education, Fraternal Affairs, Cowell Student Health Center, Counseling and Psychological Services, Health Promotion, Rape Educa-

Please see REPORT, page 2

Students help develop course

Ethnic studies class designed to fill gap in curriculum

By Aaron Thode

A course being offered for the first time this quarter is innovative in two ways: It fills a crucial gap in Stanford's ethnic studies curriculum, and it was developed to an unprecedented degree by undergraduates.

"Race and Ethnicity and the American Experience" is being taught by History Profs. Albert Camarillo and George Fredrickson with the assistance of five undergraduates: Rhonda Andrew, John Cuerva, Corey Davis, Katherine Schaefer and Richard Suh. Thomas Jackson, a graduate student, was also part of the group that developed the course.

Camarillo said he hoped the course would impart to students

Besides providing a framework and broad overview of the role of ethnic groups in America, the course can serve as a springboard for more in-depth study.

"a basic awareness of how ethnic and racial minorities have adapted and contended with American society, and conversely, how American society has responded and still responds to these groups."

Andrew, a junior in sociology and public policy, said, "I felt a course like this was really needed at Stanford, and the people involved really cared about the subject." Camarillo agreed, stating that Stanford lags behind other universities in ethnic studies programs.

American Studies major Schaefer said that besides providing "a framework and broad overview" of the role of ethnic groups in America, the course can serve as a springboard for more in-depth study.

Between 50 and 60 people showed up for the first class session yesterday, but organizers noted that the time had been listed incorrectly in the Time

Please see RACE, page 2

Freshman recounts firsthand experience of Panamanian invasion

By Reena Dhanda

When the United States invaded Panama Stanford students all over the world tuned in to the evening news or read the newspapers from a safe distance. But freshman Laura Drohan, a Panamanian citizen, experienced the events of the invasion occurring literally on her doorstep.

Drohan, 17, a resident of Naranja House, arrived at Stanford for her first year of schooling in the United States after attending a private Jesuit school in

Panama. Drohan, whose mother is American, was born in Panama, as was her father.

Relating the events of her winter break to dormmates Tuesday night in Naranja lounge, Drohan said she was watching television in her home when the house started shaking. A friend called to say the U.S. invasion had begun. From then on, all news came by word of mouth over the telephone.

Drohan and her family stayed in her house in Panama City for 10 days without leaving, rationing food to one meal a day.

They could not sleep at night because of the sounds of shooting and did not speak English — to protect themselves from the Panamanian Defense Forces and former Panamanian leader Manuel Noriega's "dignity battalions" constantly patrolling the city.

Drohan confirmed that the Panamanian people had a generally positive attitude toward the United States action. According to Noriega, anti-American sentiment exists, but Drohan said most favored the U.S. for ousting a dictator that had hurt so many so cruelly.

She witnessed the elements of excitement and celebration sweeping through the vast majority of the people as some, heedless of danger, took photographs of the U.S. soldiers and others uncorked champagne bottles.

Drohan said she felt the U.S. Army was very well-organized and did its job reliably and efficiently. For example, if anyone needed help defending against the PDF, or if one knew where a distribution of arms to a dignity battalion was located, a call to the Army would usually take care of the matter.

However, Drohan said she was displeased with the U.S. State Department, which deals with the safety of U.S. civilians in Panama. She did not think the State Department acted in an organized, efficient manner in trying to get Americans and citizens from other countries out of Panama to safety.

Drohan herself finally fled the country on Dec. 30 with the aid of the Army. She was able to leave because her father holds a top position on the Panama Canal Com-

Please see INVADE, page 14

Stanford police use Macintoshes to help take a bite out of crime

By Geoff Goldman
Staff writer

In its continuing pursuit of campus criminals, the Stanford Police Department has enlisted a powerful crime-fighter — the Macintosh computer.

Using the Mac-a-mug program, the police department has the ability to make accurate computerized images of suspects without the time and expense of using a police sketch artist.

Sketches generated by the program have played an important role in the department's search for a suspect in a series of indecent exposure cases on campus, according to Stanford Police Detective Keith Viveiros.

The Mac-a-mug program allows the witness of a crime to choose from a set of pictures of various facial features to develop an overall picture of the suspect. The pro-

gram presents the witness with a series of differently shaped heads, eyes, noses, hair and other facial features.

Once the witness has chosen all of the facial features, the computer generates a picture of the suspect. The police then uses a computerized graphics program to modify the image until it matches the witness' mental picture exactly.

The result is a "fairly good representation" of the suspect that is probably as good as one produced by a police sketch artist, Viveiros said.

But making the program work is the easy part. The harder part of the job is helping the witness to remember what the suspect actually looked like.

To accomplish this, Viveiros said he uses "cognitive interviewing" techniques which help to relax witnesses so that they will

better remember the suspect.

The process of cognitive interviewing involves talking the witness through the incident and then asking them to mentally "walk backwards" through the situation, Viveiros said. By doing this, the witness is usually able to remember the incident in greater detail.

Viveiros emphasized that cognitive interviewing does not involve any form of suggestion or hypnosis on his part. Instead, the witnesses must walk through the incident in their own minds.

Witnesses and victims who have been through a traumatic experience often have a greater recollection of the face of an attacker than one would normally assume.

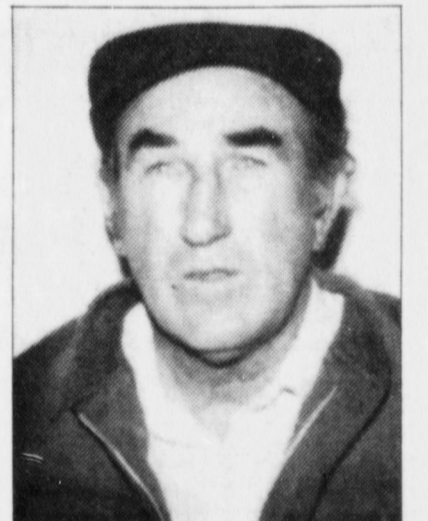
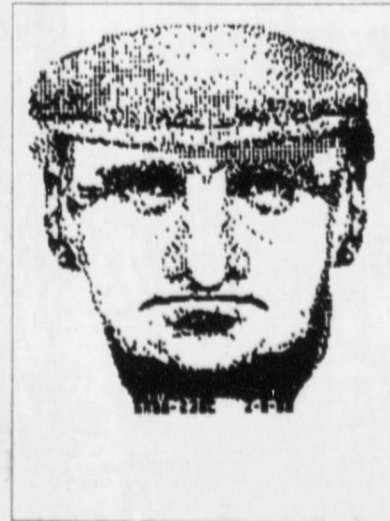
Depending on the nature of the case, the Mac-a-mug images may be given to the police officers in the department for use in identifying possible suspects. To date,

the police department has been able to apprehend one individual using a Mac-a-mug sketch.

Before purchasing the Mac-a-mug system two years ago, Stanford police had to use a police sketch artist in the San Jose Police Department when they needed a sketch of a possible suspect.

However, because such artists are very expensive, they would only be used in very serious cases, such as rapes and major felonies, Viveiros said. Artists would not have been used in smaller cases, such as the indecent exposures that have occurred on campus in recent weeks.

Viveiros is currently the only Stanford police officer trained to use the Mac-a-mug program. However, Viveiros said his partner and one or two other people in the department may be trained in the future.



Kenneth Hennigan, shown in a Mac-a-mug composite drawing and actual mug shot, was apprehended in March 1988 and pleaded guilty to a rash of computer thefts at Stanford. He is now in Folsom State Prison.

INSIDE



Finally
Tennis player Sandra Birch is a finalist for the Broderick Award.

See Sports, page 11

A take off

Shuttle Columbia starts a new year of space travel with a perfect launch.

See World & Nation, page 3

That's rocking

Stanford equipment may have detected the quake hours before it happened.

See Science, page 7

WEATHER



Today:
High 60s to low 70s with patchy fog.

Tomorrow:
I'm so glad I left New York.

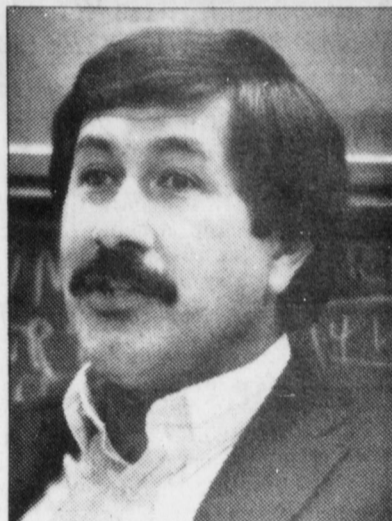
Race

Continued from front page

Schedule. The class will be held at 10 a.m. in Kresge Auditorium. The course had its beginnings in a report issued by the Committee on Undergraduate Studies in 1987, which suggested that the American Studies Program should offer more multicultural courses. The department asked Camarillo and Fredrickson to develop a course in ethnic studies.

Dean of Undergraduate Studies Thomas Wasow was trying to find ways to get students involved in developing courses, so Camarillo suggested that the infant course could become a pilot program for professor-student cooperation.

Subsequently, Camarillo formed an "ad hoc" group of undergraduates who were interested in the subject, giving them a list of possible required readings to evaluate. Over the summer, the group met six times to revise the read-



Albert Camarillo

ings and flesh out the course.

Besides serving as discussion leaders, some students will give short presentations during the course. For example, drama major Corey Davis will give a half-hour talk about the role of the black church in the black community.

Campus Bulletin

AIDS treatment to be explored

"Perspectives on AIDS Treatment," a day-long seminar presented by the program in molecular and genetic medicine of the Stanford University School of Medicine, will be held tomorrow in Fairchild Auditorium.

The seminar, which is open to the public, will be divided into two segments: a "From the Laboratory" session in the morning discussing scientific advances, and a "From the Community" session in the afternoon analyzing AIDS from social and regulatory viewpoints.

University President Donald Kennedy will deliver opening remarks at 10 a.m. He will be followed by Dr. David Baltimore, director of the Whitehead Institute at Massachusetts Institute of Technology; Dr. Leonard Herzenberg, professor of genetics at Stanford; and Dr. Andrew Moss of the Department of Epidemiology at San Francisco General Hospital.

Baltimore will speak on "Control of HIV Expression," Herzenberg on "Glutathione in the Regulation of HIV Expression" and Moss on "Predictors of AIDS in HIV Infection and Therapy."

The afternoon session, beginning at 2 p.m., will start with Laurie Garrett, medical writer for Newsday, discussing "Battling Complacency in the Immune System and the Halls of Government." She will be followed by Martin Delaney, director of Project Inform in San Francisco, talking on "Making Regulatory and Research Programs Work."

The program will end with analyses of AIDS from four perspectives. Dr. David Katzenstein of the Stanford Division of Infectious Diseases will discuss "AIDS as a Worldwide Problem"; Paul Ross, corporate manager of the AIDS program for Digital Equipment Corporation, will speak on "AIDS as a Corporate Problem"; and Dr. Dennis

McShane of the Stanford Division of Immunology will discuss "AIDS as a Local Problem."

Digital Equipment Corporation is sponsoring the event and will have demonstrations of biological science-related software and hardware in the Fairchild lobby during the day. Dr. Lee Herzenberg of Stanford and Linda Couch of Digital organized the program.

H-P donates computers

The Hewlett-Packard Co. of Palo Alto has made a gift of \$310,435 in equipment to Stanford to be used in the Computer Science Department. This is the second equipment award made by the company as part of a larger commitment to Stanford's Centennial Campaign. Altogether, the Hewlett-Packard pledge consists of \$1.5 million in cash and \$1.2 million in equipment to be given over a five-year period.

This second gift consists of 14 work stations and peripherals that will make it possible for all first-year doctoral students in the Computer Science Department to have access to computers for classes and independent research. Students will be able to use the work stations until they join and begin using the computing resources of research groups.

The Hewlett-Packard Centennial Campaign gift is for the Near West campus, a project to revitalize Stanford's science and engineering facilities so that they will be competitive well into the 21st century.

Hewlett-Packard has had close associations with Stanford for many years and has been a generous supporter of the University. Among all schools, Stanford ranks first in the number of students placed with the company and in research connections with the company.

Hoover fellow: few black profs not result of racism

Contrary to charges of institutionalized racism in university hiring procedures, the principal reason there aren't more black faculty members in higher education is that in the last 10 years "there has been a substantial decline in the number of blacks earning doctoral degrees," according to a recent article by Hoover Institution Senior Fellow John Bunzel.

"Of the 31,770 Ph.D.'s earned in 1986, the percentage of American blacks receiving doctorates was 3.6 percent, which was 25.6 percent fewer than in 1977," says Bunzel, the former president of San Jose State University and a former member of the U.S. Commission on Civil Rights.

Bunzel says that while universities were the major employers of new Ph.D.'s 15 years ago, this is not the case today. Two of the most important reasons "given by black Ph.D.'s themselves for taking jobs in other fields, especially in government and industry," Bunzel says, "are that they offer more attractive career possibilities and better salaries."

He says that it is impossible to increase the number of blacks on university faculties without considering the significant disparities in academic achievement between black and white students at each level of our educational system.

"In 1986, more than one-third of blacks 18 to 19 years old did not complete secondary school, but three-quarters of the white students did." Furthermore, he says, "Black high school graduates attain literacy levels only slightly above those of white eighth-graders."

The place to start reversing these "distressing figures," Bunzel maintains, is in kindergarten and elementary school.

Report

Continued from front page

tion Project, Stanford Women's Center, fraternities and sororities, Project HEAR and the Institute for Research on Women and Gender.

Dean of Student Affairs James Lyons appointed the task force members last summer, in response to a survey showing that 37 percent of women graduate students and 29 percent of women

'Stanford cares about victims of sexual assault.'

undergraduates at Stanford had encountered sexual coercion at least once.

The survey, conducted by the Rape Education Project in 1988, also reported that 98 percent of the women who had encountered sexual coercion knew their attacker.

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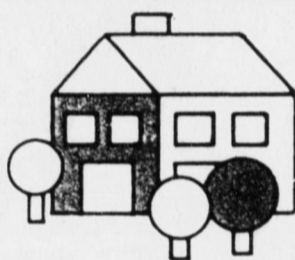
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WALK-IN HOUSING

Walk-in assignments for vacancies in University housing begin **Wednesday, January 10 at 6:00 p.m.** on the second floor of Tresidder Union.

If you are a registered student and unassigned, you are eligible to attend. A valid Stanford ID and \$100 housing deposit are required. Contact the Stanford Housing Center, 110 Old Union, for more details.

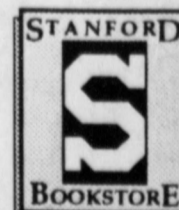
This year's resolution: An Apple a day

MONDAY	TUESDAY	WEDNESDAY	THURSDAY
Macintosh Plus Mac Plus, Apple 20 Meg SCSI External Hard Drive Regularly \$1,453 Now Only \$1,353* Save \$100!	Macintosh Plus Mac Plus, Apple 20 Meg SCSI External Hard Drive, Imagewriter II w/cable Regularly \$1,887 Now Only \$1,712* Save \$175!	Macintosh SE Mac SE w/ two FDHD Floppy Drives and Imagewriter II w/cable Regularly \$1,956 Now Only \$1,731* Save \$225!	Macintosh SE Mac SE w/ one FDHD Floppy Drive, one 20 Meg Hard Drive and Imagewriter II w/cable Regularly \$2,321 Now Only \$2,071* Save \$250!
FRIDAY	SATURDAY	SUNDAY	
Macintosh SE/30 Mac SE/30 HD40/1MB and Imagewriter II w/cable Regularly \$3,298 Now Only \$3,048* Save \$250!	Macintosh IICx Mac IICx HD40/1 MB, RGB Monitor w/video card, Ext. Keyboard and Imagewriter II w/cable Regularly \$4,774 Now Only \$4,474* Save \$300!	Macintosh IICx Mac IICx HD40/1 MB, RGB Monitor w/video card, Ext. Keyboard and Laserwriter IIsc w/cables Regularly \$6,100 Now Only \$5,700* Save \$400!	

Apple invites you to celebrate the 90's with a new Macintosh. Now thru January 31 you can purchase a new Mac at an incredibly low price. So what are you waiting for? Start your year off right- start it with a new Macintosh.



*Prices quoted include a discount for payments made in cash, check or money order payable to Stanford Bookstore. A limit of one system unit per customer. †Keyboard for Macintosh SE and SE 30 sold separately. Prices are for Stanford faculty, staff and full-time students only. Apple, the Apple Logo, and Macintosh are registered trademarks of Apple Computer, Inc.



World & Nation



Associated Press

Police remove the bodies of three of six men killed in fighting that erupted between striking and non-striking railroad workers in Germiston, South Africa. At least 16 people have died throughout South Africa as a result of the strike related clashes.

South African strikers clash

JOHANNESBURG, South Africa (AP) — Six men were killed and at least 31 were injured yesterday when hundreds of striking and non-striking rail workers battled with clubs, machetes, and other weapons at a train station near Johannesburg, police said.

Union spokesmen said they received reports of more than 20 people killed and more than 60 injured. The reports could not be confirmed.

Bodies still lay in blood-soaked train cars two hours after the clash. Rocks, sticks and homemade weapons were strewn around the cars and the platform.

It was by far the worst incident of violence during the 10-week strike by black workers against the white-led government's transport company. About 10 people have been killed in previous strike-related incidents and several dozen railway cars have

been destroyed in arson attacks.

The union accused non-striking of an unprovoked attack on strikers with clubs, knives, machetes and rocks.

A police spokesman, Col. Frans Malherbe, said the battle involved about 1,000 black men still working for South African Transport Services who confronted about 800 strikers in Germiston, an industrial town southeast of Johannesburg. The strikers had arrived at the station by train on their way to a union meeting.

Malherbe said police officers dispersed the combatants with tear gas after the battle raged 45 minutes. The Congress of South African Trade Unions, a militant labor federation to which the strikers are affiliated, said police should have intervened sooner.

But Malherbe said uniformed officers standing by during the

early stages of the battle probably were railway security guards, not police.

About 25,000 workers went on strike against South African Transport Services in early November, demanding their minimum monthly wage be increased from \$225 to \$560. The strikers also are demanding formal recognition of their union, the South African Railway and Harbor Workers Union, which has been excluded from contract talks.

Negotiations opened last week for the first time since the start of the strike.

More than 22,000 strikers have been fired and the union is demanding their unconditional reinstatement. The company has said it would re-hire half the fired workers and allow an arbitrator to determine if any others had been fired unfairly. It has not offered a wage increase.

Columbia launch a success

CAPE CANAVERAL, Fla. (AP) — Shuttle Columbia opened a new decade of space travel yesterday with a letter-perfect launch and the start of a search-and-rescue mission for a scientific satellite drifting back to Earth.

After three weeks of delays, the shuttle lifted off precisely on time just after dawn at 7:35 a.m. and began chasing the satellite, which was 1,500 miles ahead of the shuttle.

"I don't think I've ever seen a cleaner countdown and launch," said Richard Truly, administrator of the National Aeronautics and Space Administration. "What a marvelous way to start the 1990s."

The flight begins a decade in which shuttles will transport astronauts and materials to build America's space station. The station is an essential step for a return to the moon and expeditions to Mars envisioned by President Bush.

Columbia's mission is scheduled to last 10 days, the second-longest

since shuttles began flying in 1981. The ship is being modified gradually for 16-day journeys and the extended mission is to be a test toward that objective.

The 200-mile-high pursuit is to end Friday morning when commander Dan Brandenstein and his crew of four catch up with the bus-size satellite called the Long Duration Exposure Facility. It will take 14 course corrections to get them there.

The first of those, in midafternoon, edged Columbia closer to the invisible path traveled by the satellite.

It was, said Mission Control's Brian Welch, "like changing lanes on the freeway."

The crew, meanwhile, ran the shuttle's remote crane through its paces and found it in good shape, beamed some spectacular television pictures to the ground and activated two of eight experiments on their to-do list. There were a few small problems but none caused Mission Control any headaches.

"Columbia is a very clean machine," Welch said.

Atmospheric drag has been pulling LDEF to Earth about half a mile a day, a rate that is increasing.

In a slightly lower orbit, Columbia was circling the globe a little faster, gradually narrowing the distance with Brandenstein and pilot Jim Wetherbee at the controls.

"Dan is one of the finest stick handlers we've seen, and Jim is not far behind," said flight director Al Pennington in Houston.

If all goes as planned, mission specialist Bonnie Dunbar will snare the satellite with the shuttle's robot crane on Friday and lift it into the cargo bay for the trip home.

There is other work, too, for the five astronauts. Today they will release a 17,000-pound communications satellite to complete a set of four leased to the Navy by their owner, Hughes Communications.

Dateline

Comecon reforms

SOFIA, Bulgaria (AP) — Czechoslovakia, Hungary and Poland said yesterday that the Soviet Union must pay for 40 years of economic stagnation caused by their membership in Comecon.

The three tentatively united in a front that could become Eastern Europe's economic powerhouse.

The 45th session of the Council for Mutual Economic Assistance also heard at its opening session yesterday a Soviet proposal that the group start trading on a hard currency basis next year at world market prices.

But Czechoslovakia, Hungary and Poland called for even more radical reforms to revive the lumbering trading bloc, which has been viewed by some of its members as obsolete because of the reforms that have swept Eastern Europe since last year.

Nixon B'day honored

YORBA LINDA, Calif. (AP) — Richard M. Nixon's 77th birthday was a bi-coastal observance yesterday, with city workers in his hometown getting a paid holiday while the former president planned a quiet family dinner.

The Nixon Presidential Library and Birthplace

Foundation used the occasion to invite reporters on a brown-bag lunch tour of the nearly completed \$20 million library. It will be dedicated in July.

Rebels attack in Peru

LIMA, Peru (AP) — Shining Path rebels shot and killed a former defense minister yesterday morning in a shopping center parking lot, making him the highest-ranking official to be slain in 10 years of guerrilla war in Peru, officials said.

Enrique Lopez, shot at close range as he was parking his car in the Lima suburb of San Isidro, was the first cabinet-level official killed in the escalating guerrilla violence that has claimed the lives of hundreds of federal and local officials.

Liberian massacre reported

WASHINGTON (AP) — At least 200 Liberian civilians were massacred in northern Liberia, and eyewitnesses fleeing the country attribute the killings to government forces, a human rights group reported yesterday.

The killings are the result of a Dec. 24 attempt to topple President Samuel K. Doe, according to Africa Watch.

Deukmejian delivers his final State-of-the-State address

SACRAMENTO (AP) — Gov. George Deukmejian proposed yesterday that earthquake insurance should be mandatory for all "at risk" homes and businesses in California.

In his eighth and final "State-of-the-State" address to a statewide television audience and a joint session of the California Legislature, the Republican governor also proposed giving local schools cash incentives to convert to year-round classroom schedules, and he said he would support a constitutional amendment to lower the required voter approval on local school bonds from two-thirds to 60 percent.

"It is simply inexcusable and wasteful

to allow school facilities to sit idle and unused for up to three months per year," Deukmejian said of his proposal to encourage more local districts to convert to year-round class schedules.

Previewing the 1,200-page-plus budget message which he will submit to the Legislature on Wednesday, Deukmejian said his spending proposal for the 1990-91 fiscal year would be \$3.4 billion more than the \$49.13 billion annual budget he signed last June for the current fiscal year.

But, Deukmejian warned, without citing specific budget items, despite that increase in tax revenues, the new budget won't include enough money to meet all

of the expected caseload increases and automatic cost-of-living adjustments in current state programs required by existing state laws.

He said there will be a gap between revenues and those spending mandates and expected revenues of 2.6 percent. That would amount to about 1.3 billion, but Deukmejian didn't cite any specific figures, or say what programs he planned to either cut or cap at increases that are less than current statutory requirements.

"Ladies and gentlemen, we must face reality," Deukmejian told the joint session of the state Senate and Assembly. "When you have laws requiring spending increases of 11 percent and additional in-

come of 8.4 percent, it is evident that adjustments in some programs will be needed to bring the projected rise in spending in line with the projected rise in income.

"And so, I will propose a number of reasonable and necessary legislative changes in some programs," he said. He didn't list specific cuts, and went out of his way to stress that he was willing to negotiate the final list of cuts with the Democratic leadership of the Legislature.

Both the tone and specifics of Deukmejian's address won praise from leaders of both parties in the Assembly, while Senate leaders from both sides of the aisle were more guarded.

Assembly Speaker Willie Brown, the Democratic leader of the lower house, said Deukmejian deserved an A grade for both the content of his address and for his conciliatory tone.

"It was a fine, forward-looking address. It was in the spirit of cooperation," said Assembly Republican leader Ross Johnson of Fullerton, who had special praise for aid to first-time home buyers.

"It was more of a status-quo, what's-going-to-happen-in-the-immediate-future kind of speech, not a kind that commands Californians to do great things," said Senate Democratic leader David Roberti of Los Angeles.



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Opinions

THE STANFORD DAILY

An Independent
Newspaper

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Since 1892

Editorials represent a majority of the editorial board. The board consists of nine Daily editors and three at-large editorial writers elected from the community by the Daily staff.

Editorial

Use 'em and lose 'em

Quake moduls are
an ugly and hopefully
temporary necessity

WHEN MANY of us were in baby-strollers back in 1969, the University put up the Manzanita trailers as "temporary emergency" housing, to be removed in "three to five years," according to a Board of Trustees resolution.

Over 20 years later, the "temporary" Manzanita trailers still stand as housing for 352 students. Recently the University built another "temporary" complex — the quake moduls which were needed to replace the 14,000 square feet of classroom space damaged in the Oct. 17 earthquake.

The quake moduls, located at Roble Field, Galvez Mall and Wibur Hall, are supposed to house the 35 to 40 classes displaced by the earthquake.

Hopefully the University is not defining "temporary" as 20 years, as it did in the case of the Manzanita trailers.

Besides the same "temporary" designation originally given the Manzanita trailers, the moduls are just as ugly. The buildings look

more like convenience stores than proper university classrooms.

The University should dispel fears that these buildings will be around forever by making concrete plans for replacement — so we don't end up with another case like the eternal trailers.

Once students return to classes in permanent structures, the temptation to house student groups wanting office space may be too great for the University to resist.

Of course, the University did a quick job of replacing the damaged buildings and should be commended for working well under disastrous circumstances.

Classes can be held in the moduls, and they serve that purpose fine for the time being. It is understandable given the time crunch that aesthetics was probably not the University's primary concern.

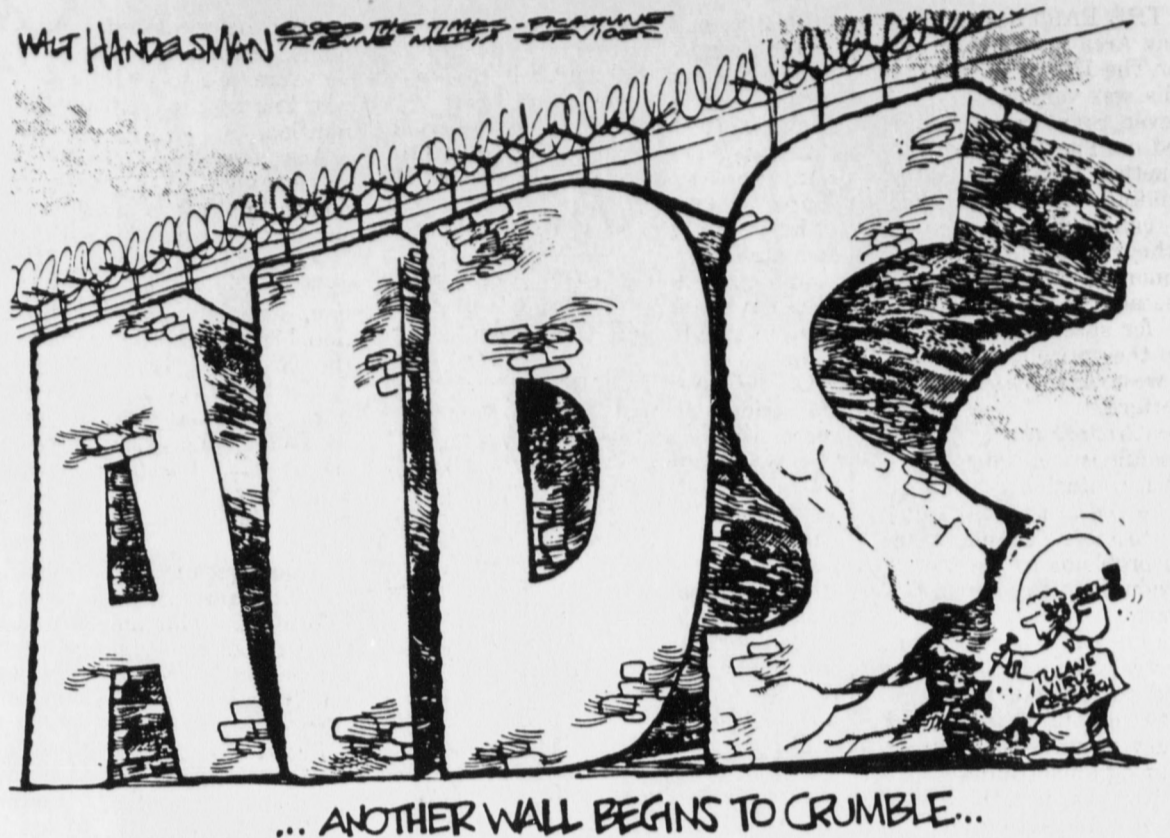
In fact, the higher-quality moduls at Wilbur Hall would not exist had it not been for the generosity of IBM, which graciously donated the buildings when they were no longer needed.

So although the moduls are very much needed by this quake-ravaged campus and were provided in a timely fashion, they should indeed be gone from Stanford's sight in a time period that makes them what they are — temporary classroom space.

“Observations”

“Chicago anchor makes good.”
—NBC's "Today" show host Bryant Gumbel introducing his new co-host Deborah Norville.

“What sort of things are we going to be seeing that's innovative and different in the '90s as we saw the VCR come into vogue for instance during the '80s?”
—A question posed by Norville during her debut episode.



Malinda McCollum

No wimps or grown-ups

I WATCHED a lot of television over the break.

When the thermometer hit 20 degrees below zero in Iowa, wiling away the hours wrapped up in a blanket in front of the television became the perfect way for me to spend my vacation.

I watched so much television that as news of the United States' invasion of Panama began to dominate the airwaves, I thought I was watching the debut of a whole new program.

Sort of a Saturday morning action/adventure type about these government and military officials who had been exposed to some kind of powerful radioactive time warp device which caused them to regress to the aggressive, hormone-crazed state of many adolescent males.

It was "Invasion of the Teenage Mutant Ninja Politicians and Military Personnel." Government and military leaders abandoned the caution and restraint that adulthood sometimes imposes and instead acted like wild, insecure teenagers in justifying and carrying out the invasion of Panama.

My extensive knowledge of pop psychology tells me that as many males reach adolescence, they often begin to feel a little anxious about their manhood. They worry that their peers may think they are weak or call them sissies. To counteract this fear, teenage boys sometimes overcompensate and try to act tough and aggressive to prove they are not wimps.

Sound familiar? President Bush himself is no stranger to the wimp label. His soft image dogged him throughout

his 1988 campaign. When the problem arose then, he attacked Dan Rather in hopes of boosting his macho quotient.

When the public perception of him as indecisive and cautious persisted after the election, he decided to go after Gen. Manuel Noriega in Panama.

First a network news anchor, then the leader of a small country. A logical progression for George "Macho Man" Bush.

Apparently this insecurity about masculinity is not limited to the chief executive. During television coverage the day after the invasion, several government and military officials explained the incident as necessary to prevent the United States from being seen as "wimpish" or "Lilliputian."

One official declared that the invasion showed that "America will not stand impotently by." Instead, the United States thrust its military might deep into Latin America and showed the world how truly buff it is.

The government and military's trip down Adolescent Avenue didn't end immediately after the original invasion, however. When the military learned, through what it likes to call "intelligence" (and sometimes it even calls it that with a straight face), that Noriega hated rock music, huge speakers were set up outside the Vatican Embassy.

Clever selections like "I Fought the Law (and the Law Won)" and "We're Not Gonna Take It" were cranked up outside of Noriega's hideaway.

Yes, the "Teenage Mutant Ninja Military Personnel" were at their finest, blasting their tunes away like teenage



First a network news anchor, then the leader of a small country. A logical progression for George "Macho Man" Bush.

boys turning up their stereos to irritate Mom and Dad.

Their return to adolescence had apparently convinced them that listening to Twisted Sister at a high enough volume would drive Noriega to surrender. Well, maybe teenage males aren't completely irrational.

In perhaps the perfect ending to this tale of transported teenagers trashing the Panamanian political and economic system, the most famous adolescent of all will be sent to that country to put a lid on the whole affair.

Vice President Dan Quayle has been selected to lead a "fence-mending" mission to Panama, a move so bizarre that it has convinced me that the events I've witnessed in the past three weeks really are only a television pilot gone hopelessly awry.

Malinda McCollum is an undeclared sophomore. Her column appears every Wednesday.

Viewpoint

Legalizing drugs would be a detriment to society

IT HAS BECOME fashionable to argue for the legalization of addicting drugs. Legalization, so the argument goes, would take the crime out of the drug business.

The proponents — politicians, political scientists, economists, judges — have one remarkable thing in common: their lack of expertise concerning the drugs themselves. How can there be rational debate on drug policy without reference to the pharmacologic and toxicologic effects of the drugs?

If drugs were innocuous, we might argue that any kind of prohibition brings more harm than good to society.

But they are not innocuous. Each drug has its own pattern of toxicity, its own addictive potential.

Some cause behavioral effects that are dangerous to society, such as aggressiveness and lack of judgment due to alcohol, or paranoid violence due to cocaine.

Some cause physical harm to the user, such as heart disease, emphysema and cancer from tobacco, unpredictable heart stoppage from cocaine, and brain damage to the unborn child from alcohol, heroin and cocaine.

The number of addicts would certainly increase if cocaine or heroin, for example, were legalized. Such drugs control behavior so powerfully that even now people pay exorbitant prices and risk arrest in order to sustain their habits.

Is it not self-evident that many more would use these drugs if they were cheap, available and sanctioned by the government?

But on this point we don't have to speculate, we can draw on facts. Alcohol and cigarettes, although under some degree of regulation, are widely available, and as a result we have more than 10 million alcohol addicts and over 17 million nicotine addicts.

Yet alcohol and nicotine are certainly

Most people, after all, tend to respect and observe (or nearly observe) the law. One could say that the speed limit of 55 miles per hour 'doesn't work,' but the truth is that more people drive near 55 now than when the limit was 65, and the highway accident and death rates are demonstrably lower.

not more addictive than heroin or cocaine. Indeed, in animal experiments, cocaine is so addicting that a monkey, allowed to self-inject it freely, prefers cocaine to food, water and sex and actually kills itself with it.

One can predict with some confidence, therefore, that legalization of heroin and cocaine would result in a vast expansion of the present pool of one-half million heroin addicts and (perhaps) a few million cocaine addicts.

That is exactly what did happen with cocaine, which was prohibitively expensive a decade ago, a rare "treat" for the rich; when its price dropped, the number of users at all income levels escalated sharply.

If we relaxed the prohibitions on such drugs, and allowed the expansion of the user pool, we would then face the same demand-reduction problem as now, but on a much larger scale.

So whatever we would do then to reduce demand — investing more in education, prevention and treatment — why not do it now, and thus reduce drug-related crimes without changing the legal status of the drugs?

It is often said that "we tried Prohibition and it didn't work." What is meant by "didn't work" is that there

were violations of the law (e.g., speakeasies) and that criminality was fostered (rum-runners, gang wars).

But here again the effect on users is ignored. During national Prohibition and the preceding period of widespread regional restrictions, far less alcohol was consumed, and objective measures of excessive use, such as alcoholic liver disease, fell sharply, only to rise again after repeal.

I do not argue that we should return to Prohibition (although some degree of stricter regulation of alcohol and tobacco would, indeed, be beneficial); I only assert that legal status does indeed influence drug use.

Most people, after all, tend to respect and observe (or nearly observe) the law. One could say that the speed limit of 55 miles per hour "doesn't work", but the truth is that more people drive near 55 now than when the limit was 65, and the highway accident and death rates are demonstrably lower.

No laws have ever completely eliminated undesirable social behaviors. Nevertheless, the growing number of murders, rapes, robberies, burglaries, frauds, bribes and a variety of white-collar crimes does not provoke

suggestions that these anti-social behaviors should be legalized.

Perhaps the difference lies in the fiction that drug abuse harms only the user and not others, that it is "victimless crime." Not so. Addicts not only risk their own health, they ultimately burden a compassionate society with their medical care and with support of their bereaved families.

Among the innocent victims are the babies born with brain damage to addict mothers and the battered children of addict parents. Moreover, any of us could be killed or maimed as a result of the dangerous behaviors induced by some of the drugs.

Finally, the whole of society pays for the loss of productivity due to drugs.

Simplistic proposals for sweeping legalization should be rejected. However, we should consider how to make the degree of prohibition or regulation more responsive to the actual danger posed by each drug.

Laws that are consistent and logical, that treat all drugs in an even-handed way according to their real potential for harm, will command greater respect.

Our guiding policy should be demand reduction coupled with more stringent law enforcement. This seems, on the whole, to be the Bush administration's position, and I support it.

Two urgent specific needs are to ensure that treatment is available to all who desire it, and to invest in research on developing better methods of treating cocaine addiction.

Auram Goldstein is a professor emeritus of pharmacology at the Stanford Medical School. He is the founder and former director of the Addiction Research Foundation in Palo Alto.

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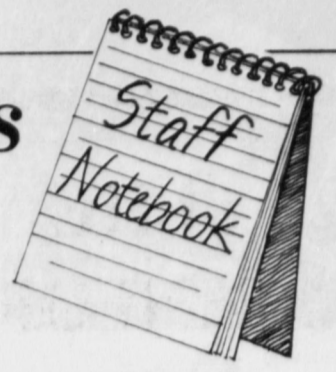
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Election fever. Catch it.

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Tim Marklein



When and where to run stories are tough questions

WHEN THE EARTHQUAKE hit the Bay Area last October, the role of The Daily and other Bay Area media was very clear.

More than ever, Stanford community members relied on The Daily to let them know whether classes would be held, what buildings were open, what activities were canceled — and for some, where they would be living in the next few months.

The Daily became the most comprehensive forum for spreading earthquake news to the entire campus, a function that we took to heart and did our best to perform.

While major disasters clarify to readers the usefulness and purpose of the news media, confusion over that role seems to be the order of the day when it comes to more personal issues that deal with problems or disasters that face individuals, rather than an entire community.

That distinction was evident in some responses we received to two other stories that did not have as universal an impact as the events of Oct. 17: the paralyzing injury sustained by junior Greg Smith during an intramural football game Nov. 12, and the alleged sexual assault of a 13-year-old girl initially reported by a Monterey Peninsula woman who had attended an Oct.

6 Delta Kappa Epsilon party. Our reasons for covering the incidents are consistent with our reasons for covering the aftermath of the quake; as our articles of incorporation state, we have a responsibility as the campus newspaper to "act as a major source of news relating to or otherwise of interest to the Stanford University community."

In simpler terms, we have a duty to keep our readers up to date on everything of significance that happens on campus.

One letter said our coverage of the IM accident showed "journalistic irresponsibility and gross insensitivity." The writer, along with some people we interviewed at the time, said that we should have delayed printing the story "until friends and housemates could be notified in a way more appropriate than a Daily headline. . . . Even such a standard journalistic procedure as reporting the accident but withholding the names involved pending notification of those close to the victim was not followed."

The concern is warranted, and it is the reason more sensitivity is needed when it comes to personal issues. We try to hold to that standard.

Because it was a serious accident, we did make sure Smith's family had been

notified before deciding to use his name, but it is not standard journalistic procedure to wait until all persons who know an accident victim are notified.

Also, news of such a serious accident spreads very quickly by word of mouth, making it important to report the facts expediently. Without a story in that Monday's paper, many people still would have heard about what happened, but accuracy would be questionable as word spread farther from the closest source.

The letter further criticizes the questions asked by reporters — "to dig for facts, some of them relevant, others clearly not." Especially under fire we attempts to find out the name of the person Smith collided with during the game.

Again, questions are not asked to upset interviewees or find out needless information. Our aim is to ascertain all the facts from several people, so false rumors or inaccurate accounts do not nullify an otherwise well-reported story.

Determining all the pertinent information requires asking a breadth of questions, some of which will seem irrelevant to those who know all the facts but must be asked by the reporter who was not at the scene.

For a reporter to develop a clear sense of events when he or she did not witness the incident, cooperation of sources or witnesses goes a long way to making a reporter's account more accurate.

The story that faced the most criticism for being published was the reported sexual assault of a 13-year-old at the fraternity party.

Interfraternity Council members tried to convince editors that there was not enough information to run a story about the investigation, a Stanford Review columnist slammed the ongoing coverage and a class debate even occurred between a Daily staffer and a fraternity member about the original story.

Despite the lack of information known at the time by Stanford Police and Fraternal Affairs Adviser Michael Hughes, we believed it was important that the Stanford community be aware that an assault had been reported.

The infrequent reporting of sexual assaults made the case important enough for police and Hughes to investigate, even though no victim had come forward.

More importantly, other people on campus may have had useful information to bring forward that would have been lost if an investigation was not

public knowledge. The lack of confirmed facts about the case led to a placement of the story on Page 2, so people would know about the investigation, but the probe would not be blown out of proportion.

Continued efforts by police and The Daily's reporter led to an eventual confirmation of the source's story with other people, as well as identification and location of the alleged victim by police. Partially because of our efforts, the girl can undergo counseling and other measures to help her overcome any emotional problems she has because of the incident.

By no means are editorial decisions clear cut; they are often difficult, and sensitive issues must be handled very delicately. In the two most prominent cases fall quarter, we have no regrets about running the stories when and where we did.

Tim Marklein is editor in chief of The Daily. He has also served as news editor.

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With us.

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American Indian Studies Winter Quarter 1989-90
Anthro 126 The Kiowa Ethnophotography Project
7-9 pm T, TH Bldg 110, Rm 112Q 2-5 Units
Anthro 131 Southwestern Archeology
1:15-3:05 pm T, TH Bldg 110, Rm 111A 3 Units
Anthro 150 American Indian Ways of Knowing: History, Philosophy, & Spirituality
10:30-12:30pm M, W Bldg 110, Rm 111J 3 Units
English 68 American Indian Mythology, Legend, & Lore
10 am M-TH Educ. Bldg, Rm 128 3 Units
SWOPSI 157. New World Legacy: Native Roots of America & the Modern World
3:15-5:00 pm M, W Meyer 146 3 Units

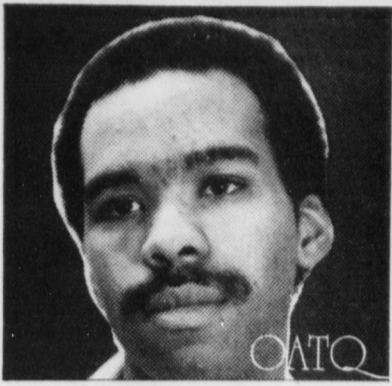
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Dr. Floyd Thomkins (on The Theology of The Oppressed)
Mr. Thomas Massey (on Educational Issues)
Dr. Benjamin Bowser (on The Post Industrial Family)
MWTF 11:00 - 12:00 AM
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AAAS 020 THE EVOLUTION OF WESTERN CULTURE
Prof. Emeritus St. Claire Drake
AAAS 030 SOCIOBIOLOGY AND OPPRESSION: SEXISM, NATIONALISM, RACISM
Prof. Dow Woodward
AAAS 073 BLACK ENGLISH
Dr. Faye McNair-Knox
AAAS 115 AFRICAN AND PHILOSOPHY, PHILOSOPHY AND AFRICA
INTRODUCTION TO A POLEMIC
Prof. Sylvia Wynter
ANTH 127 EUROPE AND THE PEOPLE WITHOUT ART HISTORY
Prof. Sally Price
ANTH 204 CULTURAL ENCOUNTERS AND THE BIRTH OF AFRO-AMERICAN CULTURES
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Due to limited class size, **advance registration is required.** All workshops will be held in the McDermott Room (Rm 175) in Green Library.
Jan. 16 (Tue) 2:30-4:00 pm
Jan. 17 (Wed) 1:30-3:00 pm H
Jan. 18 (Thu) 9:30-11:00 am
Jan. 22 (Mon) 9:30-11:00 am
Jan. 23 (Tue) 2:30-4:00 pm SS
Jan. 24 (Wed) 1:30-3:00 pm
Jan. 25 (Thu) 9:30-11:00 am
H - Socrates for Humanists SS - Socrates for Social Scientists
To register, call or come by the General Reference Desk in Green Library 725-1065



TODAY

Africa Table: "Food in Africa" Marcel Faf-champs. Bechtel International Center, Assembly Room at noon.

Alpha Phi Omega: Mandatory meeting, Cuberly 115, 7 p.m.
Approaching Stanford: Meeting: Centennial Project at 4:15 p.m. in Bldg. One Conference Room.
ASSU Beat The Bookstore: Last Day to bring used books to sell. Hurry while supplies last.
Catholic Mass: 4 p.m., Old Union Clubhouse Common Room.
Chess Club Meeting: Chess Club meeting at 8 p.m. in Tresidder Coffee House.
Contraceptive Info Center: The CIC will hold its beginning-of-the-quarter organizational meeting at 6:45 p.m. upstairs in the Tresidder lounge. All old and new prospective counselors please attend. For more info. call Roberto at 322-2216.
Hebrew Conversation Group: CHUG IVRI, the Hebrew conversation group meets at noon in the Hillel Library.
Hillel Student Board Meeting: Hillel's student board will meet at 5:45 p.m. in the Hillel Library.
Is Anti-Semitism Anti-Zionism: The Jewish

Studies Department, Hillel at Stanford, and The History Department present Yehuda Bauer at 4 p.m., History Corner, Room 2.
KZSU Radio at Fault: The organizational meeting tonight is at 7:30 p.m. in History Corner Room 2, and you don't even own the latest Milli Vanilli album! Shame-o! Everyone welcome — no experience necessary. Come, come, come.
Lutheran Student Supper Fellowship: Old Union Clubhouse Common Room, at 5:30-7 p.m.
Noon Concert: Features Clara Hsu playing flute. Tresidder upstairs lounge. Noon.

TOMORROW

Amnesty International: First meeting of the quarter. Join the world's hardest working human rights group. Bechtel I-Center at 7:30 p.m.
Approaching Stanford: Meeting: Writers and Photographers, at 4:15 p.m. in Bldg. One Conference Room.

Asian American Christian Fellowship: Come to our first meeting of the quarter! Cypress North, Tresidder Union, at 7 p.m. All are welcome!
Biblical Counseling Course: (extracurricular) 7-10 p.m., History Room 303. Equipping to counsel others from God's Word. Taught by Steve & Erica Lawry.
Catholic Mass: 10 p.m., Old Union Clubhouse Common Room.
CTL Teaching Orientation for TA's: At center for Educational Research at Stanford, Room 204, 3:15-5:05 p.m. For Winter and Spring TA's.
da Rosa 101: All students interested in participating in a seminar course with Prof. da Rosa should attend the Organization Meeting tomorrow at noon in McC 134 (of course!). Bring your lunch and your ideas for the course. If you can't make it but are still interested, call Scott 328-8683 or Yukon 325-1047.
Dept. of English: Presents Gayle Margherita, Cornell University. She will be speaking on "Writing Through the Body: History, Hysteria and the Book of Margery Kempe," at 4:30 p.m., Bldg. 50, Room 51-P. Everyone invited!

"Evita" Info Meeting: Ram's Head Spring Show Info. Meeting. Audition sign-ups & Orch. info. History corner, Rm. 2, 7 p.m. Questions? Contact Kim 328-3942.
Firetruck House Tenants Meeting: Mandatory meeting - 4:30 p.m., 2nd Floor Firetruck House.
Half Asian Women's Discussion: Robinson House Lounge, 7:30 p.m., for information call Shari 328-7571.
Leadership America: An information meeting for all juniors interested in a summer leadership development program will be held at 7 p.m. in the Aspen Room of Tresidder Union(2nd floor).
Pro-Choice Alliance Meeting: Organizational Meeting 7 p.m. in the Oak Room, Tresidder Union. Call 493-6567 for more information.
Project HEAR: Project Heighen Education on Acquaintance Rape will be holding an informational meeting, in Cypress South at 7 p.m.

CONTINUING

American Indian Ways of Knowing: Anthro 150-meets MW 10:30-noon in 110-111J.
Anthropological Theory: Anthro 90-meets MWF 3:15-4:05 p.m., call office for location. Anthropology Dept. 723-3421.
Anthropology 262: Political/Econ Anthro meets TTh 10:30-12:30 p.m., Roble Modular 104.
Ballroom Dance Classes: The Stanford Ballroom Dance Club will have free introductory classes, refreshments, and an informational meeting on Sunday, Jan. 14 starting at 3 p.m. in Roble Gym. There will be a demonstration of dances to be taught, and sign-ups for Winter Quarter classes in beg. Viennese Waltz & Polka, int. Waltz & East Coast Swing, and adv. Waltz & Foxtrot. Since sign-up priority is on a first come basis, it is advisable to come early to pick up a numbered registration form. A free practice dance hour will run from 6-7 p.m. every Sunday. (Contact Diane Erdmann at 324-2837 for more info.)

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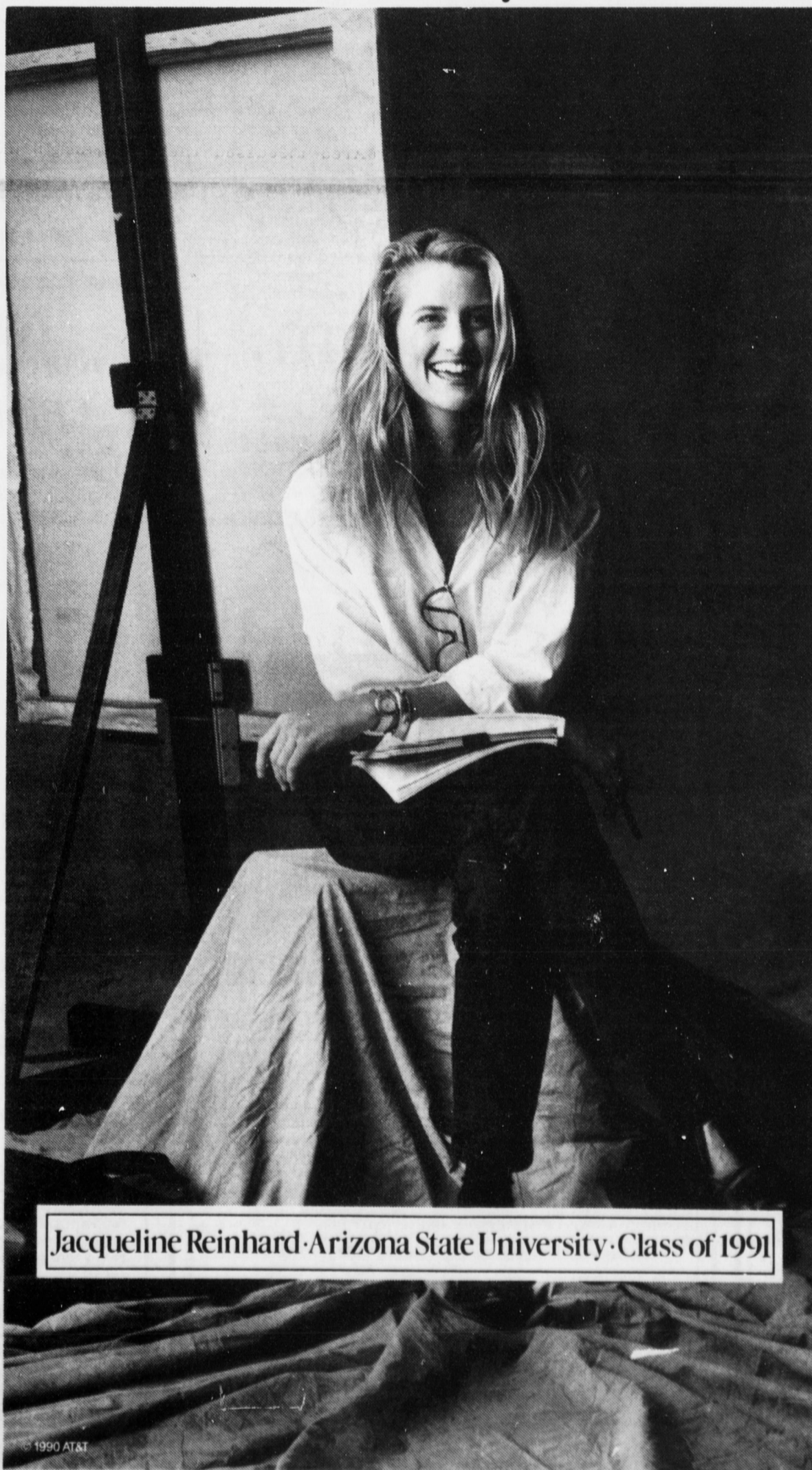
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THE PRINCETON REVIEW

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 to talk art or football.
 Usually football?"



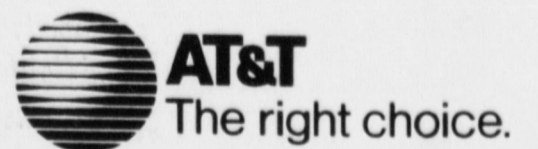
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Science

Quirk quake find

Signal may have warned of temblor

By Jock Friedly
Editorial staff

In what may have been a warning of the earthquake, Stanford research equipment in Santa Cruz detected unusually high levels of radio waves hours before the massive Oct. 17 temblor.

The atmospheric and space researchers were performing unrelated defense research when their sensors detected electromagnetic signals that researchers are unable to explain. The waves are a complete mystery, said Antony Fraser-Smith, a senior research associate in electrical engineering, when he unveiled the data at a December meeting of the Geophysical Union.

The ability to predict earthquakes has long been sought by seismologists, and researchers have had only sporadic luck detecting any precursor signals. The prediction of earthquakes, even with just hours notice, has the potential for saving millions of dollars and many lives in earthquake-prone areas of the world.

Sensors scattered throughout the region operated by the U.S. Geological Survey in Menlo Park detected nothing that could be easily identified as a precursor. Only the Stanford equipment, which was searching for ultralow frequency electromagnetic waves.

The sensors had been moved to Corralitos, only seven miles from the epicenter of the Loma Prieta earthquake, completely by chance.

The Bay Area, which would have been a more convenient locale for the research, is filled with electromagnetic "smog" from the BART trains, as Fraser-Smith discovered in 1980. To avoid the electromagnetic noise, the researchers

moved the equipment to the house of a sister of one of the graduate students working on the project.

Three hours before the earthquake that devastated much of the Bay Area, the signals, which had been building slowly for weeks, suddenly shot upward off the charts. The crazy readings stopped suddenly when the power was disconnected.

Although the researchers are hopeful that seismologists might use similar sensors to detect future earthquakes, they were quick to caution that, because this was an accidental find, there were no controls in their experiment.

Other Californian researchers have expressed both optimism and caution about the findings. On the one hand, the discovery may yield promise as an earthquake predictor, or at least might spur research in a field many scientists say is underfunded. On the other, the findings might have an explanation that is not related to the earthquake that ravaged northern California.

The Stanford findings were not the first indication that earthquakes might cause unusual radio waves. Researchers from Japan and the Soviet Union have previously seen unusual behavior in higher-frequency radio waves. Unlike the Japanese and Soviet results, however, the Stanford group has data gathered in Corralitos over a period of two years prior to the October earthquake that shows no unusual signals.

At the time of the finding, Fraser-Smith was studying very low frequency radio waves in the earth and its atmosphere because they can travel far through the earth and water.

Student engineers build for homeless



Winning engineers show off an almost-completed model of their homeless shelter design.

By Dan Cory
Staff writer

Imagine you were kicked out of your dorm during exams. While you tried to find a place to stay, all your belongings were stolen. You wind up sleeping with other homeless by San Francisquito Creek.

Now you have another option — a homeless shelter outside Terman Engineering Building. The shelter is a full-scale model of the winning design from a new fall quarter architecture class, Civil Engineering 223.

Individual units, a main administration building and a dining facility made up the shelter. The students were given a map of the site and the total cost. They drew a site plan including landscaping and parking.

The eight teams also designed and built a scale model. The final designs included a small squat box, an elaborate angular design and a model with four skylights.

The winning team had added one thing the others overlooked — curves.

Team member and graduate student Antonia Del Rosso was walking through the Quad, thinking about the plywood model. She noticed that the workers reinforcing the arches were bending plywood. Then she realized that curved plywood should be part of the design.

The resulting site plan, by

Sandra Begay, put eight individual units in a rough S-shape curve. The spaces between the curves formed small groups of units, which added to the sense of community.

The model and construction plan, by Brad Aronson, features the same S-shape on the roof of the units. The interior is spartan, but is wheelchair accessible and comes with adequate storage space.

Del Rosso, a graduate student who was an architecture major as an undergraduate, thought the team was well integrated. Aronson, a civil engineering major, knew how to implement its plans. Begay, a structural engineering major who had worked in the industry for some time, planned the site.

Begay said she liked attacking a current issue that needs a solution. She said, "the project helped to stir my interest" in the homeless issue.

Aronson thought there were some good ideas in other projects, although many designs called for storage space under the bed which is difficult for a wheelchair-bound person. He also said, "You can teach and bring in lecturers and tell problems, but unless the student experiences it firsthand, it means nothing."

Who knows, the shelter design might even have come in handy if it had been completed before the Oct. 17 earthquake.

Engineering with Legos not just child's play

By Dan Cory
Staff writer

Shedding their girders and columns, some Stanford civil engineers are turning to Legos.

In a new architecture class offered autumn quarter, groups raced to build a Lego model as fast as possible, a deceptively insightful exercise that actually helped teach students important design criterion.

The class was shown a model made with 39 Lego pieces. Each team had 40 minutes to plan construction. When they were finally allowed to build, the fastest group finished in 35 seconds.

Prof. Paul Teicholz wanted the class to give "engineers an opportunity to see how architecture impacts what they do and (how) architects think." Professionals from architectural firms in the Bay Area discussed their

specialties, including design constraints, zoning, codes, use of interior space and team management.

The civil engineering course, "Architecture — Process and Practice," stressed the terms and ideas architects use in their creations. Prof. Teicholz compared it to tasting wine, saying, "You need to be able to talk about what is happening in the mouth."

Another important issue was how to deal with the construction process. An architect has to be sure that the building can be built. The architect also needs to examine the working drawings to keep the contractor from making mistakes.

Prof. Teicholz says there is one main message he wants the engineers to learn: "It doesn't cost any more to add a little style to it."



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Science Briefs

Double-lung transplant

In what is believed to be a first ever, a Stanford doctor transplanted a pair of lungs from a single donor into two women last month.

Both transplants were performed by Dr. Vaughn Starnes, one of the country's foremost transplant experts, who performed his first single-lung transplant in June. Since that time, he has performed a total of eight lung transplants and 15 heart-lung transplants.

The twin operations, performed virtually simultaneously, lasted five hours on Dec. 9. The recipients were Mary Jane Anderson, 29, of Carlsbad, Calif. and Patty Dirschl, 40, of Rancho Cordova. The lung donor was a 21-year-old man from Castro Valley who also donated his heart for a transplant at Pacific Medical Center in San Francisco.

Just the day before, Starnes transplanted a lung in Brian Youngs, an 11-month-old San Jose

boy believed to be the youngest ever to receive a single-lung transplant.

Keeping the fat off

A little sweat and a prod might just be better than eating less, Stanford scientists have shown. Many overweight men turn to diets to shave off pounds, but regular aerobic exercise and encouragement may be more effective, a recent Stanford study shows.

The study of middle-aged overweight men, printed in last month's copy of Archives of Internal Medicine, showed that the average man receiving encouraging phone calls and printed materials containing weight-loss information gained back only one to two pounds in a year as opposed to men in the control group which gained nine to 10 pounds in the same period.

The research was performed by Dr. Abby King and colleagues.



The Science Bug

By Megan Beardsley
Staff writer

Q. Why are there holes in Swiss cheese?

A. Swiss cheese, like most cheese, is made by first curdling the milk, which is adding acid or rennet so the fat and protein lump together, and then letting it ferment.

The bacteria giving Swiss cheese its flavor and texture ex-hale carbon dioxide. Bubbles of the gas get caught in the thickening cheese and form the holes.

Q. Why do bugs always get squashed on my windshield when driving down the highway? Most of the air moves in a stream over the car, so why doesn't it just carry the bugs to safety? (No offense meant to you, the Science Bug, who I know would never go near fast moving windshields.)

A. Because insects are a lot heavier than air (I know I

am — especially now after the food-filled holiday season), they are not easily deflected over cars and other moving objects, said Aeronautics and Astronautics Prof. Donald Baganoff.

"Because of their greater mass, they just plow right into the windshield," he said.

However, according to Jearl Walker's "Flying Circus of Physics," it is not the collision with the car that kills the unfortunate bugs. The force of the air, while not strong enough to save the insects, causes them to rupture before they even reach the windshield — no wonder my mother always told me to look both ways before crossing the street.

If you have a question about science, write to the Science Bug, Stanford Daily, Storke Publications Bldg., Stanford CA 94305 or drop it by the Daily offices. To send e-mail, write to science-bug@macbeth.

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Everyone can do something to stop ravaging the environment

Wanted: doctors, lawyers and economists to save the Earth

By Jessica Hirst



The earth's collection of environmental crises doesn't have a surprise factor big enough to shock hiccups out of a small boy comic character.

we have addressed just the tip of iceberg — or rather, one disposable diaper in a mammoth trash heap.

That's where Stanford students come into the picture. In an address to a small number of Stanford faculty and students last month, Sen. Al Gore, the leading "Green" on Capitol Hill, called on Stanford students to take action

on the environment, much like students led the fray in the civil rights movement of the 1960s.

By taking the needs of the planet into consideration in their respective fields of work, Stanford students can be leaders of imminent societal change.

The good news is that Stanford graduates will not only be acting in the best interest of humanity. By responding to national and international consumer and governmental demand, they will help the United States regain a competitive economic edge.

Forward-looking students can benefit themselves by taking advantage of new markets, trends and needs within the context of professional and personal life.

For example, potential doctors have the chance to address reduction, or at least safe disposal, of medical waste in light of the recent proliferation of needles on public beaches.

Medical students can also consider the value of protecting rain forests for research of new remedies. Recently tests have begun on DMDP, a complex alkaloid produced by a Panamanian vine, to see how the chemical can help

By taking the needs of the planet into consideration in their respective fields of work, Stanford students can be leaders of imminent societal change.

in the treatment of AIDS, diabetes and cancer.

Urban planners in the next few years will be challenged to solve problems like traffic, air pollution and groundwater pollution. Planners will succeed by helping people live closer to their jobs, use effective public transportation and maintain parks and vegetation to prevent erosion and pollution of surface and ground water.

Lawyers-to-be should take note of a recent Department of Justice report of an 80 percent increase last year in fines for environmental crimes. Lawyers should also heed the Sierra Club's scornful comment that the increases are "almost meaningless" in comparison with the number of offenders. A definite need for more lawyers skilled in environmental law will

emerge inevitably.

Architects, construction contractors and developers can contribute by designing more energy-efficient homes and office buildings. Implementation of already-existing technology can save at least 50 percent and as much as 75 percent of the electricity and 80 percent of the oil used in the United States without lowering the standard of living, according to some experts. Further design needs such as attractive and convenient space in homes and offices for separation of trash for recycling are waiting for the enterprising builder.

Accountants and economists are currently taking stock of the gaping absence of natural resource accounting in current measurements of economic

prosperity, such as the gross national product. The fallacy is that erosion, pollution, deforestation and extinction are not realistically reflected as losses in assessments of future income.

Stanford students could play a large part in devising effective methods for incorporating the value of previously unaccounted for assets such as wild species and fertile land into economic decision making.

Students planning to be international developers can use knowledge of environmental issues in conjunction with anthropology, history, political science and sociology. The Third World is crying out for programs that work in harmony with traditional cultural values to promote sustainable development.

The Lua people of Thailand once believed the land belonged to the gods and took great pains to maintain its arability. If Westerners had seen the value of that belief in land conservation earlier, a lot of damage could have been averted.

Next week: Artists, product designers and educators of the future.

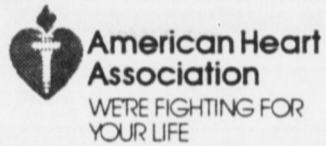
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Latest Macintosh virus can be more than a little annoying

By Mark Rogowsky
Senior staff writer

While many of you were in the midst of studying for finals at the end of fall quarter, an unfriendly visitor was making its way across campus preparing to make you miserable in the new year.

The visitor is a computer virus and it goes by the name wDEF. It joins a long list of Macintosh viruses that have proven themselves to be quite annoying and, oftentimes, quite damaging to your productivity on the Macintosh.

Computer viruses are small programs written by malicious souls that are designed to "infect" computers. They take up residence somewhere on a hard drive or floppy disk and muck with the proper functioning of your computer. In addition, viruses replicate themselves on all disks and file servers they come in contact with.

When your Mac contracts a virus and a friend puts a disk in your computer, she might then bring the virus to her computer. Her hard disk could then become infected and, before you know it, the virus will be all over campus.

In the past, Macintosh viruses have

infected both system files and applications. Whenever the Macintosh accessed the system (it does this all the time) or you used an infected application, the virus could spread. Most viruses, though, have been relatively benign thus far. They've slowed things down and caused some random system errors, but none have done major damage to data stored on disk.

The wDEF virus is also relatively harmless. It infects the desktop file, an invisible file that stores information about what you've got on a disk and where it's located. When wDEF takes up residence in your desktop file, all it does is attempt to replicate itself whenever the desktop file is accessed.

The Macintosh needs to access the desktop file in all sorts of instances. Examples include: opening folders, using desk accessories, copying files, using applications.

If you're not plugged into a network, you might not notice wDEF is around. It will slow things down only marginally.



On an AppleTalk network though, wDEF is infuriating. Whenever it gets activated, it attempts to place itself on any attached hard drives, any inserted floppy disks and any file server currently available.

Your computer can become completely unusable for two minutes at a time while wDEF tries to spread. And, the virus doesn't realize when its infected everything. That means everytime it gets activated it'll hang up the Macintosh for the same length of time.

Imagine needing to look for a file that's in one of five folders. Let's say it's in the fifth one but you don't know this yet. It takes 10 minutes just to open all five folders. The wDEF virus can easily drive a Mac user batty.

Fortunately, it is easy to eliminate wDEF from infected hard disks. All you have to do is "rebuild" the desktop file using a function that's built in to the Macintosh system software. When you start the computer, hold down the command and option keys simultaneously

The wDEF virus can easily drive a Macintosh user batty.

(the command key is the one next to the space bar with a cloverleaf symbol and sometimes an apple as well).

When the Macintosh is done booting, it will ask you if you want to rebuild the desktop on your hard disk and inform you that it might take a few minutes. Click OK and wait. It will then ask you the same question about any attached file servers. Click OK again.

Network users be forewarned: If you rebuild the desktop on your hard drive and the file server but another user's hard disk is still infected, that user will reinfect the server which will in turn reinfect your hard drive — and any floppies you use. Argh!

While eliminating wDEF from your system isn't all that difficult, protecting yourself from it is. I only know of two virus protection programs that can stop the virus from infecting your system.

They are SAM from Symantec and Virex from HJC. Both packages include a startup document, or INIT, that blocks infection.

Symantec failed to ship The Daily our SAM upgrade here but they were very apologetic and helpful when I called to complain. They promised me it would arrive within three days. I haven't dealt with HJC, but I understand they are helpful as well.

If you're interested in purchasing either package, stop by ComputerWare on California Ave. or call MacConnection at (800) 334-4444. If you're lost without your Mac, either program is a worthwhile expenditure.

SAM is easier to use and is thus preferred here. Virex, however, is more likely to warn you about unknown viruses due to a more sophisticated protection scheme. It would not have protected you against wDEF without its latest upgrade, though.

If you have any question about wDEF or computer viruses call Academic Information Resources or drop a note by the Daily offices to my attention. If I get enough mail, I'll answer some in a future column.

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Roble leads intramural race

By Nat Cousins
Editorial staff

After a winter break of eating fruitcake and watching college bowl games, intramural athletes will be able to return to the battlefield starting Thursday.

Registration for winter quarter intramural sports begins Thursday at 1 p.m. and continues to 3 p.m. in front of Encina Gymn. Any available slots in the winter leagues can be filled Friday from 1-3 p.m. according to Howie Dallmar, Director of Intramurals. Last quarter 3,020 people participated in Stanford intramurals, Dallmar reported.

IM sports report

Managers can register for tournaments at any time outside the IM office.

All-university leagues in winter are regulation basketball and soccer, while competitions or tournaments are held in arm wrestling, darts, squash doubles, table tennis singles, 2-player volleyball and power weightlifting.

Basketball leagues, the most popular offering during winter, will be held Sundays from 10 a.m. to midnight, and Monday, Tuesday and Wednesday from 6:30 p.m. to 11:30 p.m. All games will be played in Maples Pavilion.

IM registration begins Thursday at 1 p.m. outside Encina Gym.

Only 174 teams will be allowed to register for intramural basketball, with league play beginning next Monday, Jan. 15.

Soccer leagues will be formed Wednesday through Friday at 3 and 4 p.m., and Saturday from 10 a.m. to 4 p.m.

Basketball and soccer leagues will also be offered for women, along with table tennis singles, 2-player volleyball and power weightlifting.

In the coed division, soccer (four men and three women), tennis doubles and 2-player volleyball will be open for registration.

IM student director Theo Smith put out his quarterly plea for basketball and soccer officials. "In order to have good basketball leagues, we need to have qualified referees and every team must remember to send an obligation official," Smith said.

Clinics for officials will be held Thursday and Friday at 4 p.m. at the IM office in Encina Gymn.

Intramural teams will be in

hot pursuit of Roble I, which leads the all-university division after fall quarter with 216 points. Kappa Sigma is in second, leading all other fraternities with 167 points. Perennial powers Biz II and Biz I are in third and fourth with 165 and 158 points, respectively, followed by Arroto Rooters, Flo Mo, Fat City, Okada, Betas and Smith Barney Jr.

Roble also leads in the women's division, blowing away Biz II, Arroto Rooters, Lagunita, Potter, Delta Gamma, Serra and the Running Club.

In coed, Biz II tops the charts with 71 points, followed by Roble (61), Fat City (52), Greek Mystique (52), Biz I and Grateful Med (48), and Toyon (45).

Roble leads the all-university IM race after winning B-league football and B-league tennis doubles. Meanwhile, Kappa Sigma captured championships in A-league 3-on-3 basketball and billiards.

In other intramural results from fall quarter, Oh Larry beat Biz I in A-league basketball 3-on-3, Biz 1A bit Biz IIA in A-league football and Okada thumped the DU's for the C-league gridiron title.

The Oxford Blues volleyed the Sigma Chis and Roble rocked Oak Creek Kids in tennis doubles, while Fat City blobbed Friends of Kathy for the 4-player volleyball title.

Dunk

Continued from page 11

would be one of the most desirable options of all which brings us to

The Vlahov factor: At 6-foot-7, 225 pounds Andrew Vlahov is an imposing physical presence at the "small" forward position — at any position, for that matter. Vlahov is an excellent defender, has a nose for the ball and is one of the best passing forwards in the Pac-10.

He's also the guy who keeps the team loose with his sense of humor while simultaneously being a team leader. Vlahov also is one of Stanford's three-point shooters.

Not that he's made very many this season. As a matter of fact, Vlahov is only shooting .111 from behind the arc. Many coaches might tell the big Australian to stop shooting the rainbow at this point, but not Montgomery.

The Cardinal coach knows that Vlahov can hit the shot. He sees Vlahov knock down three after three after three in practice. During games, though, Vlahov often hesitates before releasing and ends up pushing the shot instead of shooting it with proper form.

If he develops a modicum of consistency, it will open up things a great deal and give major headaches to opposing coaches as they try to design defenses to stop Stanford. Meanwhile, Stanford is playing the role of . . .

Defensive stopper: For fear of getting carried away with this, let me say that with the Cardinal's deliberate offense few opponents should post scores near 100. Still,

it's hard to argue with the performance of the Stanford defense so far.

Only three of Stanford's 11 foes have scored over 60 points as the Cardinal's man-to-man defense has made it tough to find open shots. In addition, Montgomery's zone is well on its way to becoming a viable option.

Stanford should probably be doing a better job of defending the three-pointer but the overall effort cannot be argued with. On the other side of the ball, opponents are pressing the Cardinal like it's a wrinkled shirt. Normally that results in . . .

Turnover trouble: And, as a matter of fact, Stanford is having plenty. The Cardinal gives the ball up on miscues 17 times per game. Few of them, however, are forced by the press. Many come in the halfcourt on traveling calls, dropped passes and balls being thrown away.

While Stanford isn't being hurt by the press, it isn't hurting opponents who employ it. With defenses overplaying in the backcourt, the Cardinal must do more to push the ball across the time line and take advantage of the two-on-one opportunities that are available.

Montgomery, Keefe and Ammann all acknowledged this after the Oregon game and talked about making adjustments. The team realizes it must recognize when the press is vulnerable so don't be surprised if Stanford gets some easy layups off it in the near future.

That taken care of the Cardinal can continue to exploit its biggest advantages . . .

Shooting and rebounding:

While Stanford isn't being hurt by the press, it isn't hurting opponents who employ it.

Stanford excels at two of the most fundamental aspects of the game — putting the ball in the hoop and cleaning the glass.

The Cardinal is outshooting its opponents 503 to 426 with Stanford's gaudy total coming as the result of solid shot selection. On the boards foes collect 27.3 rebounds per game to the Cardinal's 38. That's a big, big edge. Eliminate a few of the miscues and Stanford could easily score 6-10 more points per contest.

Intangibles: For the Cardinal to succeed on the road, it will have to pull together mentally and play mistake-free ball. There's nothing the fan can do to help.

At home, though, you can do your part. The Maples attendance average is a mere 4,807 (though it was admittedly depressed a bit by winter break). The crowd is loud at times, but rarely intimidating.

Two nights ago, UNLV lost to New Mexico State in Las Cruces. You want to talk home-court advantage . . . The Aggie fans were insane for 40 minutes of basketball, screaming all the way. Maples can be like that (remember Arizona in '88 and '89).



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The Morrison Institute for Population and Resource Studies WINTER COLLOQUIUM 1990

Presents

- Wed., Jan. 10 **Ambassador Richard Benedick, D.B.A., Senior Fellow,** World Wildlife Fund and the Conservation Foundation, Washington, DC
Population, Environment, and Economic Development
- Wed., Jan. 17 **Nazli Chaucri, Ph.D., Professor,** Technology and Development Program, Massachusetts Institute of Technology, Cambridge, MA
Population and National Security
- Wed., Jan. 24 **Allen G. Rosenfield, M.D., Dean,** School of Public Health, Columbia University, New York, NY
Maternal Mortality in the Third World, an "Epidemic"
- Wed., Jan. 31 **Timothy C. Weiskel, Ph.D., Henry Luce Fellow,** Divinity School, Harvard University, Cambridge, MA
Environmental Ethics
- Wed., Feb. 7 **Pamela Matson, Ph.D., Earth Systems Science Division,** NASA, Moffett Field, CA
Population Growth and Biosphere/Atmosphere Interactions
- Wed., Feb. 14 **Madhav Gadgil, Ph.D., Director,** Indian Institute of Science, Bangalore, India
Human Ecology and Resource Utilization in India
- Wed., Feb. 28 **Malcolm Potts, M.D., Ph.D., President,** Family Health International, Research Triangle, Durham, NC
With Sex in Mind
- Wed., Mar. 7 **Chief Oren R. Lyons, Associate Professor,** State University of New York, Buffalo, NY
Public Policy, Values and Environment: The Interests of Native Americans and Indigenous People
- Anne Pebley, Ph.D., Office of Population Research,** Princeton University, Princeton, NJ
Women's Status and Women's Health in Rural Bangladesh

Stanford University, Annenberg Auditorium, 4:15-5:30 p.m.

Clemson violated gridiron rules

COLUMBIA, S.C. (AP) — Clemson football coaches are accused by the NCAA of more than a dozen illegal recruiting contacts and of giving players up to \$150 in cash from 1984 to 1988, according to a report released Tuesday.

The school made the NCAA report and its allegations public four days after receiving it, but erased all references that might allow those named in the 15-page document to be identified. Under NCAA rules, the organization is prohibited from publicizing such allegations, but allows schools to release information on charges.

Clemson's football team defeated Stanford 27-21 in the 1986 Gator Bowl, as Coach Jack Elway's Cardinal finished the year with an 8-4 mark.

Clemson president Max Lennon said in a statement accompanying the report that the school would "take all appropriate steps to protect the integrity of the university" in wake of the allegations. Lennon was at the NCAA convention in Dallas and could not be reached for comment.

If Clemson is found guilty of the violations levied by the NCAA, the school could be placed on probation for the second time in less than 10 years. The NCAA slapped Clemson with two years probation in November 1982 for 70 violations that occurred between 1976 and 1982 under coaches Charlie Pell and Danny Ford, who was named head coach in December 1978.

The NCAA has charged the Atlantic Coast Conference school with 14 rule violations, the most

serious being cash payments of \$15 to \$150 to players and recruits by both coaches and boosters and illegal contacts with recruits.

In its report, the NCAA said that on at least two occasions during the fall of 1985 a coach gave a player \$50 to \$150 and told him to distribute the money to "selected" players.

And twice in the spring of 1987, a "representative of the university's athletic interests" — most likely a booster — gave \$50 to two athletes for their personal use, the report said.

In the most damaging recruiting allegation, the NCAA said that from November 1984 to September 1987 six coaches made 11 illegal recruiting contacts, which included meeting with four high school juniors and one sophomore.

The NCAA does not allow college coaches in-person recruiting of players until after they have completed their junior year in high school.

Three coaches also are charged with contacting during the 1985-86 academic year two recruits more than the three times allowed by NCAA regulations, the report said.

The NCAA also questioned the financial aid provided a Clemson player in the 1988 spring semester after the athlete's eligibility had run out. The NCAA said the player's financial aid exceeded the value of his scholarship because of his part-time work at a Clemson business, where he earned about \$200 each month. The report does not say how many months the player worked.



Former Stanford swimmer and now graduate assistant Jenna Johnson shows the form that made her one of the greatest swimmers in collegiate swimming history. Johnson last night was named one of the Top 10 women athletes in America, joining Sandra Birch as a Broderick Cup finalist.

Award

Continued from page 11

scholastic endeavor and school and community involvement.

Birch paced Coach Frank Brennan's Stanford tennis team to its fourth straight national title, and picked up the individual singles' title along the way — in only her sophomore year.

Johnson, who completed a championship-filled career last season by leading Stanford to the NCAA Championship, won two Olympic gold and one silver medal, in addition to numerous collegiate records.

Johnson was a six-time NCAA champion at Stanford, capturing two titles each in the 50 free, 100 free and 100 butterfly, and still holds three Stanford records.

She is a graduate assistant this year for Coach Richard Quick, while finishing her communications degree. Birch returns to the courts in the spring to pursue a fifth straight title.

Joining Huber, Birch and Johnson in the finals were basketball player Bridgette Gordon from Tennessee, cross country runner Michelle Dekkers from Indiana, Connecticut field hockey player Diane Madl, San Jose State golfer Pat Hurst, Georgia gymnast Lucy Wener, softball player Janice Parks of UCLA, and volleyball star Mary Eggers of Illinois.

In the 13 years of the Broderick Cup, a Stanford student or alumna has yet to win the award. Last year's award winner was Teresa Weatherspoon of Louisiana Tech.



ATTENTION ALL STUDENTS:

You should have received the revised Winter Quarter I.D. card mailed after December 15, 1989 from the Registrar's Office. The revised Winter I.D. is printed with the red Stanford logo. Please discard any other I.D. as it will not be honored within the University. Please come to the information window in the lobby of the Old Union if you have not received your new I.D. card.

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4:00 PM, Fri., Jan. 12, 1990

The Stanford Alumni Association is now accepting applications for the position of:

Graduate Student Representative to the Alumni Executive Board

The Stanford Alumni Association is governed by a board of 25 alumni members, one graduate student, one undergraduate student, and two other ex-officio representatives. The board meets three times a year and sets the direction and policies of the Alumni Association. The graduate student board representative will convey the needs and concerns of the graduate student body to the Alumni Executive Board, influencing the relationship between the Stanford Alumni Association and the Stanford graduate community. The two-year term begins at the next Executive Board Meeting, February 1-3, 1990.

Please stop Bowman Alumni House for an application, or call Cindy Shorney at 725-0693 for more information.

Application deadline: January 19, 1990.

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Tales of torturous triangles

Have you got an angle on the love triangle? Or the hate triangle, for that matter?

If you've ever felt weak in the knees over your roommate's squeeze, or if you've ever wanted to break that person's knees, you're invited to share your three-pointed saga with *The Daily*.

If your tale is sufficiently titillating or touching, it will be printed in the Valentine's Day issue of *Intermission*, *The Daily's* weekly entertainment section.

Dare to bare it all, in 150 words or less before Feb. 1, to *The Stanford Daily*, Storke Publications Bldg, Stanford, CA 94305.

Submissions are subject to editing, and they will not be returned.

Invade

Continued from front page

mission, and could find her a place on a plane for military dependents.

"We were strapped into a military aircraft with our luggage on the floor in front of us. The plane had no heating so it was quite cold, and we were told not to smoke due to the explosive nature of the cargo," she recalled. Drohan and the other passengers landed safely in South Carolina.

Drohan said she was upset that Noriega sought asylum in the Vatican embassy, adding that the situation was ironic because Noriega would regularly send the PDF to storm churches where civilian protesters sought sanctuary.

For the future of Panama, Drohan's outlook is pessimistic. She said the new government is very weak, and the nation needs much reconstruction.

A democratic government was overthrown 20 years ago because the upper class, comprising 1 percent of the population, made the laws and put sometimes incompetent relatives in office to retain their power, making it easier for Noriega to establish his dictatorship, Drohan recalled.

She said the same mistake is happening now and hopes that new officials will be chosen according to their competence, not "whether they are his brother, or cousin or sister-in-law."

Drohan also said that the reason the Panamanian people could never pull together and organize a military rebellion against Nor-

iega has to do with their nature. She characterized them as more Caribbean in nature than the rest of Latin America, meaning the society is more easygoing and fun-oriented. People tend to wait for things rather than putting effort into achieving them, she said. For example, the Panamanians hoped and waited for an invasion from the U.S. rather than grouping their own forces and acting independently.

Now that the new government is taking control, Drohan said massive economic aid from the U.S. will be necessary to help the country to its feet. The current economic situation is bleak, especially after the widespread looting of businesses unprotected by any police force.

Drohan also said that red tape needs to be cleared up. She advocated a new constitution and a reorganization of the government to expedite this process.

"To run the government, we need practical, hands-on people who will get down and get their hands dirty — not idealists," she said.

Drohan realized that she may never be able to go back to her homeland. "The Panama where I grew up will never be there again. I can only take memories away," she said.

She also recognized how important little things are, and "sees the whole world in a new light." She said she was especially grateful, for example, that her whole family was able to be together for Christmas.

"What hurt me was leaving everything behind," she said.



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Morrison Institute for Population and Resource Studies WINTER COLLOQUIUM 1990

PRESENTS

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the Conservation Foundation, Washington, D.C.

"Population, Environment and Economic Development"

Wednesday, January 10
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AFRICAN STUDIES COURSES WINTER QUARTER 1990

The World Outside the West in the Age of European Imperialism (Abernethy, Befu, Beinin)
ANTH 22, HIST 22, POLS 22

Introduction to African and Afro-American Studies (Wynter) AFAM 105

Africa and Philosophy, Philosophy and Africa: Introduction to a Polemic (Wynter) AFAM 115

Ethics of Development in a Global Environment (McWhorter, Fagen, Siegel, Textor and Lusignan) ENGR 297B, ANTH 133B, POLS 140B

Africa in the 20th Century (Roberts) HIST 148C

Cultural Encounters and the Birth of Afro-American Cultures (Price) ANTH 204H

The Colonial State and Society in Africa (Roberts) HIST 248S, HIST 448A

The Literature of Decolonization (Giraud) FREN 268B

Research Workshop in International Development Education II (Carnoy) EDUC 408B

Europe and the People Without Art History (Price) ANTH 127H

Mau Mau and Social History (Braum) HIST 49S

Nigerian Literature and Socio-Political Change (Lund) UG Studies 45

For more information on these courses, see departmental listings in the Winter quarter time schedule.

AFRICAN LANGUAGES

Hausa (Bature) Beg. LING 602B; Adv. LING 604B
Swahili (Masagara) Beg. LING 606B; Int. LING 607B
Zulu (Mkhise) Int. LING 619B
Bambara (Macolou) Beg. LING 616C
Arabic (Barhoum) Beg. LING 620B; Int. LING 621B

For information on African language courses, call Rozanne Stonham, Linguistics 723-3636.



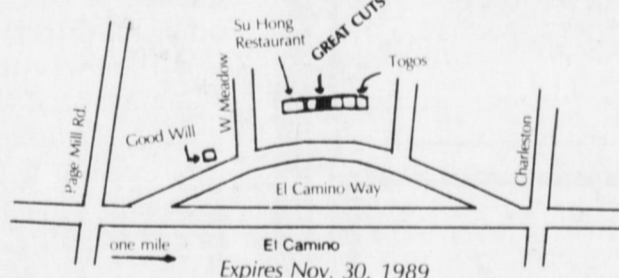
Sally Price, author of *Primitive Art in Civilized Places*, will offer a winter-quarter undergraduate course (Anth 127H) entitled "Europe and the People Without Art History." It will explore Western uses and abuses of so-called "primitive art," the notion of artistic anonymity, the nature of cultural meaning, the role of art history in "traditional" societies, and other issues relevant to cross-cultural connoisseurship.

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Campus Compendium



Kai Keasey — Daily

Save our wilderness

Stanford students set up camp in White Plaza to gather support for the Wilderness Skills course. The class, which is offered through the Athletic Department, is scheduled to be discontinued after this quarter because of the department's budget crunch.

The titled alumni of Harvard

Harvard University may profess to be striving to fight its image as a citadel of the privileged. Sometimes, however, the Harvard of old peeps through the modern curtain.

In a new questionnaire, the school asks its graduates to list their proper titles. For alumni not content with Mr., Miss, Mrs. or Ms., Harvard offers 43 other choices.

Admiral? General? Baron? Countess? Chief Justice? The Right Honorable Lord? His Royal Highness? Please check all that apply.

Charles Egan Jr., the president of the Harvard Alumni Association, said there was nothing unusual about the survey.

Egan, who signed a letter accompanying the survey that urged the alumni to fill out the questionnaire, said at least four Chief Justices of the Massachusetts Supreme Court were graduates of Harvard Law School, and at least two alumni bore the title "His Royal Highness."

Barbara Welanetz, a spokesperson for Harvard, said the university had many illustrious alumni, but wondered whether the survey used the right tone. "Perhaps it was not as well thought through as it might have been," she said.

— Associated Press

for gay and lesbian students.

The report is among the most wide-ranging ever to deal with the issues that gays and lesbians face on campus. Officials at Rutgers said they will study it before deciding how to act on its recommendations.

"The report will be received gratefully and will get the careful and deliberate study it deserves," said Edward Bloustein, the university's president. Copies are to be distributed soon to students, faculty members and administrators.

Bloustein established the committee to study the environment for homosexuals at Rutgers after gay and lesbian students reported several incidents of harassment on the campus. The committee's 28 members include the campus police chief, academic deans, students and faculty members.

— The Chronicle of Higher Education

If you thought the ASSU was bad

The student body president at the College of San Mateo has resigned and is under investigation for allegedly purchasing a \$34,000 Mercedes-Benz and \$8,000 in computer equipment and charging it to the college's student government.

Investigators said signatures of fictitious campus officials were found on documents used by Christopher Martinez to buy the automobile. On the document, Martinez claimed he had "power of authority" to make the purchases on behalf of the Associated Students of the college.

The college did not pay the bills, and no student funds were lost, a college spokesperson said. Martinez is no longer a student at the college, she added.

Martinez has been arrested on a charge of violating the terms of his probation for a conviction on credit card fraud two years ago in San Diego.

— The Chronicle of Higher Education

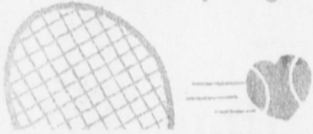
A UCMI for gay issues at Rutgers

A committee at Rutgers University has called on the institution to integrate the experiences of gay men and lesbians into the curriculum and create a "safe space" on campus where gay students can gather without fearing harassment.

The committee, which was appointed by the president, also said the university should provide health insurance and other benefits for the partners of gay Rutgers employees and appoint a full-time staff person to carry out the report's recommendations and serve as a contact person

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- Jan. 10 "Food in Africa." **Marcel Faichamps**, Assistant Professor, Food Research Institute.
- Jan. 17 "Race Relations in the US and in Africa." **David Abernethy**, Professor of Political Science, will lead a group discussion honoring Martin Luther King Week.
- Jan. 24 "Swahili Poetry: A Video Work in Progress." **Richard Randell**, Associate Professor of Art, and **Ndinzi Masagara**, Swahili Instructor.
- Jan. 31 "The Archeology of Early Complex Societies in West Africa." **Susan McIntosh**, Visiting Fellow, Center for Advanced Study in the Behavioral Sciences.

Sponsored by the Center for African Studies 723-0295

NOTICE:

Political Science 1 is meeting at 11:00am in Room 161J as shown in the Winter Time Schedule.

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