



# Reagan new president

Ronald Reagan's surprised the American public and pollsters with his landslide victory over President Jimmy Carter. His election was apparent even before the nationwide returns were totaled last night.

A Republican majority also swept through the Senate.

At press time, Reagan had received 469 of the electoral college votes, a comfortable cushion past the 270 he needed to win. Democratic incumbent Carter received 49 electoral votes and American Independent candidate John Anderson received 0.



Reagan's pollsters estimated yesterday that he would receive between 300 and 320 electoral votes. A total of 538 electoral votes are available from the 50 states and the District of Columbia.

Reagan, who was defeated in the 1976 presidential primaries, said he did not expect such a landslide.

"Listen, I was happy to get 270," he said, as quoted by Associated Press.

His margin rivals some of America's greatest presidential landfalls, including those of Richard M. Nixon in 1972, Lyndon B. Johnson in 1964 and Franklin D. Roosevelt in 1936.

Carter acknowledged his presidency was finished even before the polls had closed in the Western United States. He gave his concession speech at 7 p.m. PST.

In a telegram message, Carter congratulated Reagan and offered his full support and cooperation for the transition period.

In a Washington, D.C. hotel, Carter said in front of a disappointed but supportive crowd, "I promised you four years ago that I would never lie to you, so I can't stand here tonight and say it doesn't hurt."

Anderson also congratulated Reagan by telephone.

Victor Schaub, Democratic spokesman in Eureka, said Reagan's victory means a serious step back for our country.

"It means a return to Neanderthal man," he said.

Local Republican spokesman Lou Kent was not available for comment.

The former California governor said he has not had time to analyze his victory or pinpoint any particular issue responsible for his win.

"We'll have a press conference Thursday and maybe I'll have an answer by then," he said.

An Associated Press-NBC News survey, however, indicated the Iranian hostage issue cost Carter votes.

The survey reported voters disapproved of the way Carter handled the year-long crisis despite indications during the last two days that the American hostages might be freed.

Reagan, who won all of California's 45 electoral votes, received 51 percent of the popular vote, Carter received 41, Anderson got 7 and 1 percent went to other candidates.

In Humboldt County, Reagan received 49.36 percent of the votes, Carter-35.16

(Continued on back page)

## Prop. 8 passes; 2, 10 defeated

By LEWIS CLEVENGER  
staff writer

A measure designed to protect North Coast rivers if the Peripheral Canal is built, Proposition 8, apparently passed by a narrow margin of 51 percent to 49 percent, although defeated by Humboldt County voters 55-45 percent.

Water and agricultural interests in Southern California had worked hard to defeat the proposal, hoping to tap the northern rivers to replace water from the Colorado River (which will revert to Arizona ownership in 1982).

California voters apparently do not want government to decide where they can or cannot smoke cigarettes in public.

Proposition 10, the statewide ballot initiative requiring separate no-smoking sections in public buildings, trailed at press time 47 percent to 53 percent.

An Associated Press-NBC News poll taken at polling places throughout California earlier predicted the measure, which was strongly opposed by tobacco interests, would fail by the same margin.

Two propositions to modify Proposition 13, the property tax initiative passed by California voters in 1978, were defeated, while a third passed.

Proposition 4, designed to allow construction of local government projects by property tax-supported bonds (a practice specifically denied by Proposition 13), was crushed by a margin of more than 3 to 1.

Proposition 5, which would have allowed larger property tax cuts for property relocated due to a disaster or government condemnation, failed by a 3 to 2 margin.

The third proposal, Proposition 7, passed by a 3 to 2 margin. The measure exempts solar heating and cooling units from property tax reassessments after the units are installed.

Proposition 6, which would authorize juries of eight members or less if both sides agree in civil cases involving less than \$15,000, passed with 58 percent of the vote.

Proposition 2, designed to provide an \$85 million bond to buy land being developed around Lake Tahoe which threatens the lake's water quality, appeared headed for defeat by a narrow margin.

A similar measure to provide \$285 million for acquisition and development of parklands, Proposition 1, was too close to call. Less than 4,000 votes out of nearly 2 1/2 million cast separated the two sides.

Proposition 9, a measure to shift \$15

million from drinking water purification to groundwater cleanup, and Proposition 11, designed to roll back pay raises for 27 state Supreme Court and appellate justices, appeared to be easy winners with huge margins.

Proposition 3, the final statewide initiative on the ballot, would have given insurance companies a tax break for contributing to a guarantee fund for other insurance companies who go bankrupt, but was soundly defeated by a margin of nearly 3 to 1.

Locally, incumbent District 2 Supervisor Harry Pritchard crushed challenger Barbara Wrede with nearly 64 percent of the vote.

In an election year in which many experts predicted a low voter turnout nationwide, 49,479 Humboldt County voters, 77.5 percent of those registered in the county, turned out to cast their ballots.

Local issues on the ballot included the McKinleyville Community Services District sewer revenue bond and the Blue Lake revenue bond. The McKinleyville sewer bond passed on an overwhelming 83 percent vote, while the Blue Lake revenue bond was defeated when 80 percent voted against it.

## The Lumberjack

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## Speakers urge 'know nukes' at forum

By LORRAINE ODA  
staff writer

What began as a symposium on energy sources became a four-hour debate on nuclear energy and a defense of it by the six speakers from hissing members of the audience.

The symposium was sponsored by the HSU department of physics, the California Council for Environmental and Economic Balance and Scientists and Engineers for Secure Energy.

Nuclear chemist Thomas Passell, addressing the "no nuke-ers" who made up most of the more than 300 persons who filled the Kate Buchanan room Wednesday night, said he too has a bumper sticker on his car.

"It reads 'KNOW nukes,'" he said. "To know nukes is to love them, or at least tolerate them."

Passell told the crowd comprised mostly of HSU students that nuclear fission is "a much maligned energy source" that "won't be swept under the rug no matter how anti-nuclear everyone is."

Passell is a radiation specialist and project manager of the Engineering and Operation Department of the Nuclear Division of the Electric Power Institute in Palo Alto.

Nuclear energy supplies 6 percent of California's electricity, he said, and 10 percent of the electric lights in the United States run on nuclear power.

Electricity from nuclear power plants costs less to produce (4 cents a kilowatt hour) than from coal (5 cents a kWh) and oil (10 cents a kWh), Passell said.

The cost of nuclear energy will increase

further if people insist on a "perfect" method of nuclear waste disposal, he said, adding that sending radioactive waste in rockets to the sun would be more expensive than burying the waste in salt mines.

A nuclear power plant in one year creates an amount of waste material the size of a marble, Passell said.

Laser physicist Alexander Glass, however, said the problem with nuclear fusion is that it is "unproven."

Glass, assistant associate director for Lasers at the Lawrence Livermore National Laboratory, said the process of nuclear fusion requires a temperature six times greater than the interior of the sun.

The U.S. Department of Energy funded a \$284 million project for a fusion test reactor called Tokamak, which is expected to be completed in 1981, he said.

This reactor, and a \$220 million Tandem Mirror facility that will be completed in 1984 or 1985, are expected to produce enough energy to "break even in scientific feasibility."

"Scientific feasibility is the point at which people stop telling you 'it won't work' and start telling you they don't want it," Glass said.

After nuclear fusion has been scientifically proven as a possible source of energy, "the next generation of machines will address the problem of economics," Glass said.

The capital cost of economic feasibility studies of nuclear fusion in the 1990s will depend on technological developments, he said, and estimated that in 50 years, nuclear fusion may become a major source of energy.

Yuval Ne'eman, a physicist who has served on the Israeli Atomic Energy Commission and the Israel Defense Forces, said at a press conference before the symposium that development of nuclear energy "ought to increase."

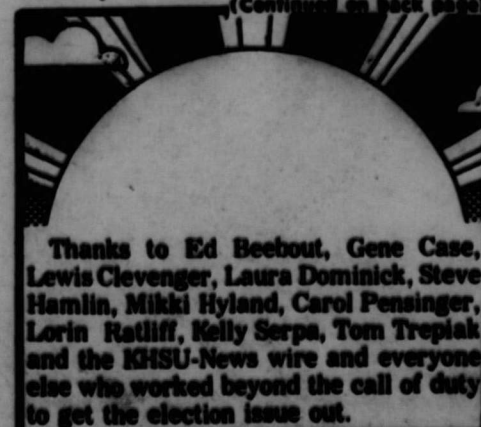
The United States should not depend on Middle Eastern countries for energy resources because of conflicts between those countries, he said.

The Great Salt Lake in Utah and the Salton Sea in California are potential sources of solar energy, Ne'eman said. The Dead Sea, the largest natural solar salt pond in the world, can supply Israel with 1,000 megawatts of electricity.

Ne'eman said the United States can extract solar energy from its salt ponds, perhaps by putting plastic "lids" on the water to keep the accumulated heat from evaporating.

Solar power can be a local and regional source of energy, but cannot solve large-scale industrial problems, he said. A diversity of resources should be used.

(Continued on back page)



Thanks to Ed Beebout, Gene Case, Lewis Clevenger, Laura Dominick, Steve Hamlin, Mikki Hyland, Carol Pensinger, Lorin Ratliff, Kelly Serpa, Tom Trepiak and the KHSU-News wire and everyone else who worked beyond the call of duty to get the election issue out.



# County streams may get new lease on life

By LEWIS CLEVENGER  
staff writer

A stream rehabilitation program in Mendocino County may offer hope for Humboldt County's decreasing fish population.

More than 60 persons attended a workshop in Branscomb in Mendocino County Thursday, and heard Ron Kusina from the Center for Education and Manpower Resources (CEMR) and Doyle Metheny of the California Conservation

Corps report on the program.

Second District Assemblyman Doug Bosco and the Ukiah-based CEMR co-hosted the seminar attended by representatives of the local timber and fishing industries, environmentalists and local government, including Humboldt County supervisors Danny Walsh and Erv Renner.

"One thing I hope to gain out of this meeting is a commitment for people to help in this project," Bosco said.

Walsh indicated after the meeting he

would support extension of the project to Humboldt County streams but that funding could be a problem.

"That may take a while," he said.

Kusina said the population of salmon and steelhead trout in North Coast rivers suffered a drastic decline during the '60s and '70s, largely because of damage to their habitats.

"Our intention is to create more habitat for the salmon and steelhead," he said.

One method is a program proposed by the CEMR in conjunction with the CCC to remove from streams logjams left over

from previous logging operations and return the streams to suitable spawning conditions.

The program was funded in 1978 under the Comprehensive Employment and Training Act.

In the two years since, workers have cleared several streams in the Eel River drainage.

"The CCC alone has cleared over 40 miles of streams since February of this year," Metheny said.

Kusina said results are promising.

"As fast as we open up the streams, the natural salmon and steelhead populations try to re-populate them."

The work done so far has been expensive because 90 percent of it must be done by hand, Kusina said.

"The scarcity of roads and the rugged terrain make utilization of heavy equipment impossible," he said.

"We salvage all the material we can," Metheny said, but because of the transportation problems, "most of the logs we cut up are burned."

Kusina announced plans to use even more of the logs recovered from the streams.

"We're proposing a spinoff of a small industry," he said. One small sawmill in Mendocino County has been contracted to purchase any sawable logs recovered under the program.

Most of the logjams are composed of old-growth redwood, which is in short supply, Kusina said. Less valuable logs would be made into shake bolts (for roofing shingles), fence posts or stock for redwood molding.

Kusina said he believes the project would be more secure if it could generate revenue on its own.

"If we are able to generate funds, we can increase the value of the public funds we do have."

Even though the program will probably never be completely self-supporting, he said, it would be less dependent on public money that will most likely become even more scarce in the future.

## HSU asks for energy 'hardship' grant

By STEVE HAMLIN  
staff writer

A lack of state revenues has forced HSU to apply for a "hardship" federal energy savings grant.

State tax revenues were insufficient for the California State University and Colleges system to obtain a 50-percent matching grant from the federal government for energy conservation, Lionel Ortiz, assistant director of plant operations at HSU, said.

Schools and hospitals had a special emergency fund from the federal government, which provided \$5.9 million, but the lack of state money made it necessary for HSU to apply for a hardship grant.

In this case, the state would pay 10 percent of the costs and the federal government would pay the rest. Of the \$5.9 million, only 10 percent was available to hardship cases.

A feasibility study will be done on the science complex to determine which projects will be implemented and how much the projects will cost.

The study is the second of a three-part process to obtain further federal funds for energy conservation projects, Ortiz said. The first part was an energy audit per-

formed last year on seven buildings, the second is the study, the third is actual construction.

Of the seven buildings audited, only the science complex qualified as a hardship case.

Federal funds were obtained to carry out the feasibility study. About \$4,500 from the federal government should cover the 10-cent a square foot cost to assess the 38,000-square-foot science complex, Ortiz said. Because of the time involved, outside firms were hired to carry out both the audit and the study.

"I think the committee feels it didn't get its money's worth," said Peter Lehman of the energy conservation committee in reference to the audit. "They're talking about doing inspections in-house."

Six projects will be studied for feasibility, Ortiz said. The Trombe wall and five projects Ortiz called "minor" will be examined.

The Trombe wall is named after Felix Trombe, who installed the device in his French home in 1966, Lehman said. A thick concrete wall is built in the south side of the building, with vents of an inch or so at the floor and ceiling. The southern exterior of the building is covered with glass,

creating a greenhouse effect. The heat stored in the wall sets up a convection current through the building.

The six smaller projects are changes in light switching, changes in ducting to alter airflow, a reduction in air supply, recycling heat from the water heater to heat space in the building and an electronic ignition for gas appliances.

The main determinant by which projects are chosen for funding is the payback time. Simple payback is used — present energy and building costs are used to determine the energy savings from the project, and how long the project will take to pay for itself.

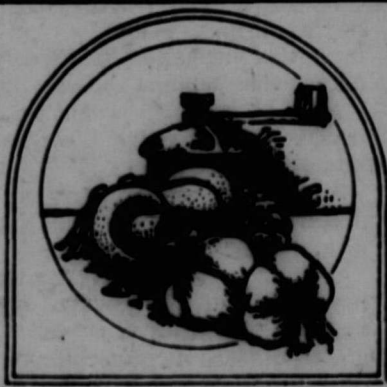
"Anything under 10 years is attractive for a payback," Ortiz said.

The five smaller projects would cost an estimated \$32,403 and would take 3.7 years (when averaged together) to pay back, he said. The Trombe wall would cost an estimated \$28,358 and would take 7.3 years to pay for itself.

The feasibility study should provide more accurate figures, Ortiz said.

Using 1980 construction costs for the science building and the replacement cost today, Ortiz said construction costs had risen by 263 percent.

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# KHSU tunes out; equipment gets tune-up

By STEVE HAMLIN  
staff writer

Listeners who habitually tune to 90.5 for music and news have been increasingly bored since KHSU went off the air about 4 p.m. last Friday.

Equipment technician and chief engineer at KHSU Del Hannon said the "RF output module," an output power amplifier, went out.

"It's not really a rare occurrence,"

Hannon said.

Greg Jones, a disc jockey, said the power began to fade about 3 p.m. and Hannon decided to shut down the station.

Ron Borland, station manager, blamed the loss of power on hobgoblins, noting the Oct. 31 holiday.

Borland said the station should be broadcasting again in two weeks. The module must be sent to Illinois for repair.

"From a small city to a small city (in Illinois), air freight takes a long time these

days."

Borland said work remains to be done in the meantime.

"We'll do everything but be on the air," he said.

Tom Trepiak, news director for KHSU, said the news staff will use the time to work on feature stories to keep in store for the future.

"There's not much we can do," Trepiak said. "It came at a poor time."

KHSU's news team will not be able to

receive those grades. "They made it evident to me that there is a problem," he said. SLC member Tory Starr questioned those figures. "A lot of people take chemistry courses for GE (general education) and fail them," Starr, a nursing and political science major, said, "while nursing students are mostly majors who have been through the system." McGuire said the Educational Policies Committee is also considering other proposals to combat grade inflation and grade discrepancies between departments. These include instituting an intensive review of grading policies in each of the departments and keeping histories of grade distribution "so they can be analyzed as we go along," he said. Proposals to combat grade inflation have come before the committee annually for the last several years, McGuire said. During the last few years, proposals similar to Rasmussen's have been brought up. Discussion this year was spurred by an April 9 memorandum from Glenn S. Dumke, chancellor of the California State University and Colleges system, to CSUC presidents stating that "we have made

## SLC calls grade inflation proposal divisive



By CHRIS CRESCIBENE  
staff writer

The Student Legislative Council Monday night condemned as divisive a proposal which would use peer pressure among instructors and administrators to combat grade inflation at HSU.

The proposal by Robert A. Rasmussen, professor of botany and biology, calls for:

—Posting in a prominent place on campus the distribution of final course grades given by instructors in each of HSU's academic departments.

—Filing of the grade distributions in the library.

—Compiling a campus-wide grade distribution report each quarter, which would be posted in each department office.

The theory behind the proposal, SLC member Colin McGuire said, is that public posting of the grade distributions would result in peer pressure, forcing "departments and teachers giving high grades to

deflate their grades."

At the 35-minute meeting Monday night, the SLC passed a resolution denouncing the proposal as "detrimental to the working relationships between students, faculty and administration."

The proposal was to be discussed by the Educational Policies Committee last week, but McGuire, a member of the committee, said discussion was delayed because Rasmussen, also a member of the group, was absent.

McGuire said after the Monday night meeting that Rasmussen's proposal was "too extreme."

"Those tactics are unnecessary," he said. "They would break down the rapport between staff and administration."

McGuire said he feels HSU's overall grade point average is not too high and that the undergraduate GPA here has been on a downward trend since 1972.

The problem, he said, lies in the differences in grading between departments.

"There is not equality among the departments. Some are harder than others."

Associated Students Vice President Barry Savage said science department instructors told him 70 percent of students in nursing courses receive A's or B's, while only 25 percent of chemistry students

little progress in combating grade inflation."

"The average grade in the CSUC is a B," Dumke said in the memo. "One third of our undergraduate course grades are A's."

"I cannot believe that the average student in our system is that much above average. Nor can I believe that one-third of our undergraduate course grades are A's."

In other business, Associated Students President Alison Anderson told the council she and other organizers of a drive to institute a night bus run between HSU and local communities will attend a meeting of the Humboldt County Association of Governments at 7:30 p.m. Nov. 20 in Eureka City Hall.

This association advises the Humboldt Transit Authority on how to allocate its funds, Anderson said. Drive organizers hope to win the association's support before they appear in front of the HTA to ask for the night bus run.

In other business, the SLC approved the appointment of Michelle Pinson as freshman representative to the council.

Pinson is a journalism and political science double-major from western Los Angeles.

She said she hopes to "establish unity among students as a whole and to help our campus grow."

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## Basement View

### Election hangover

Wild parties and presidential elections have a lot in common. Depending on your expectations and level of tolerance, they can both leave you feeling a little nauseous the next morning.

The 1980 elections are over, and Ronald Reagan is our new president. No great surprise, really. A lot of people probably saw it coming, though maybe not by such dramatic margins.

Maybe some people will interpret it as an indication of the country's desire for new direction and leadership.

Maybe. But I think it's an indication of something else, something neither easily seen nor accepted.

Reagan has blamed President Carter for America's loss of international prestige and respectability; Carter has been equally critical of Reagan's suggestions for winning it back.

How long can we continue to lay the blame for our country's problems on a less-than-perfect president? Maybe it's time we realize much of the problem is our own.

Dissatisfaction with a president, no matter how justified, is too easy an excuse for shirking responsibility. It's too easy to look the other way when things are going wrong because you "voted for the other guy anyway."

Our right to vote is one of our biggest responsibilities, but it isn't the only one.

We also have the responsibility to be informed about our government between elections and to speak up if we see something we think needs changing.

We have the responsibility to learn about our elected officials before an election or primary so we can give ourselves the best possible choices.

We have no right to demand perfection of one man when we are not willing to accept responsibility for our own shortcomings and ignorance. Voting for change for change's sake is an irrational response and one not based on intelligent thought.

The pit I feel in the bottom of my stomach today isn't so much the result of Ronald Reagan's landslide victory; it comes more from the gnawing worry I have that this is all part of a growing national trend of apathy and irresponsibility.

I wonder how much longer we'll continue to forget who the real leaders of our country are meant to be and the responsibility we have as such.

It's the morning after, and I wonder how much we still respect ourselves.

—Laura Dominick



## Letters to the Editor

### Kasun re-replies

Editor:

In reply to Mrs. Mervich's question to me in last week's Lumberjack, both the teenage birth rate and the teenage pregnancy rate had been falling for years before the new sexuality education was introduced into the schools.

Since the introduction of such sexuality instruction, the birth rate has continued to fall, but the pregnancy rate has increased, the abortion rate has increased explosively and rates of premarital sexual activity have increased significantly, according to surveys.

Jacqueline Kasun  
professor, economics

storm flows.

The enthusiasm of the students was reflected in the intense effort expended to accomplish the work.

One student said, "I can think of no better way to spend a Saturday." Another thanked me for "allowing" him to do the work.

Students, I thank you, Six Rivers National Forest thanks you and the salmon appreciate you.

Jerry Barnes  
forest fishery biologist

### Burning thoughts

Editor:

Just a few thoughts on why I get burned up when a paper decides to attach my occupational affiliation to my private opinions. I want to first point out that I am the coordinator of the Northcoast Environmental Center, not the director. This may seem a subtle difference to most, but to me it expresses more clearly my role at the NEC in working with diverse groups and the public, not directing them.

Second, I should point out that the North Coast Environmental Center does not endorse candidates. This freedom is specifically prohibited to non-profit corporations in the United

States by regulations of the IRS and the state of California. Large for-profit corporations, on the other hand, cannot only endorse candidates for public office, but write off their lobbying moneys and political contributions as business expenses.

Third, if a paper decides that it is going to identify people who write letters to the editor by occupation, they should do so consistently and not arbitrarily. For if the paper chose the latter course, it could be construed as a form of intimidation. My political opinion is mine, and nobody has the right to try to stigmatize it as being reflective of anything else.

To do otherwise is to reinforce stereotyping and prejudice. Environmentalists do not

(Continued on next page)

## The Lumberjack

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### A fishful of thanks

Editor:

On Saturday, Oct. 25, we were accompanied by 10 student volunteers to Slate Creek, a tributary of the Klamath River near Orleans. The Forest Service had recently constructed several structures in Slate Creek that are designed to improve spawning habitat for salmon. Our objective was to place boulders (as large as humanly possible) against the weir structures in order to prevent undercutting by winter

### Letter Laws

Letters to the editor are welcome at The Lumberjack but should follow these guidelines:

Letters should be typed or handwritten clearly, double-spaced and no more than two pages long.

All letters and views from the Stump columns, which may be three pages long, must include full name, address, major, class standing and telephone number. They must be personally signed by the author. Addresses and telephone numbers are confidential.

All submissions to The Lumberjack must be delivered to the office or placed in The Lumberjack mailbox at the library by noon of the Friday preceding publication.

Letters and columns are published at the editor's discretion.



# More letters . . .

(Continued from page 4)

necessarily vote the same nor do they necessarily see issues in the same way. The conservation community on the North Coast is diverse to say the least. Those who choose to exploit the prejudice against those who perceive conservation and environmentalism as important need to portray conservation as being monolith. Everyone knows about those conservationists. They are against cutting any trees; they love chicken and watermelon too.

Conservationists and environmentalists may agree on more than they disagree on, but so do Republicans and Democrats.

Tim McKay  
Trinidad

## Four-hour rip-off

Editor:

After sitting for four hours last Wednesday night at the "Energy: The '80s and Beyond" symposium, a line from the movie Network kept running through my thoughts: "I'm mad as hell, and I'm not gonna take it anymore!"

I felt ripped off, dumped on and lied to. My expectations may have been too high or misplaced.

Instead of presenting a creative, viable approach to utilizing renewable resources for our future energy needs, the panel's approach was the same one we have heard for years: capital intensive-complex, centralized technology to provide for our energy needs.

I should have seen the signs: full page ads, a panel of energy experts arriving in Humboldt just after news of PG&E's decision not to re-open the King Salmon nuclear plant, and the sponsors: Scientists for Secure Energy, California Council for Environmental and Economic Balance, and PG&E.

Briefly, the order of the format for discussion went like this: history of Middle East political instability; analysis of rising energy costs and dwindling supplies (most Americans are acutely aware of this fact already); the unfeasibility of solar energy; the fiasco of a government synthetic fuels program and overregulation of the oil industry; a blatant arrogant sermon on the wonders of nuclear fission; and finally, an overview of nuclear fission: energy of the future.

The panel took questions that had to be written on index cards and taken to the podium to be

asked by the moderator, thereby bypassing direct audience participation. Even President Carter has the courage to answer questions face to face from an audience.

Here were the knowledgeable men of science and wisdom come to tell the peasants of common folk what the future will hold for them. It is the same antiquated position that capital intensive-complex technology is the answer to a world of dwindling resources and expanding population. Theoretically, this position provides an applicable solution. However, such a position places future world energy production in the control of an elite few, rather than transferring that control into the hands of the common man.

Some specific points were presented that demand rebuttal. First, Bourke, the solar "expert" who doesn't take the sun seriously (from Jet Propulsion Laboratories of all places), stated, and I quote, "Sunlight in its natural form is good for two things, reading a book and getting a suntan."

Apparently JPL's solar "expert" is a little behind the times. He hasn't heard of passive solar space heating of houses. His presentation could only be

rivalled in depth of its content by a Disney film.

Then there is the honorable Passell, project manager, nuclear division, Electric Power Research Institute, who espoused the virtues of nuclear power. The same Passell, who was hired by the nuclear industry to follow Tom Hayden and Jane Fonda on their nationwide tour, to tell citizens not to listen to ignorant liberals who have little comprehension of the true story of nuclear power. He proceeded to offer statistical facts on the low cost of nuclear produced electricity and the low risk of adverse health effects through its use.

Samuel Clemens once said, "There are three types of liars: liars, damn liars and those who use statistics."

Passell's long-range forecasts of the incidence of cancer due to Three Mile Island are highly questionable when epidemiologists who research cancer acknowledge there is an average of 20 years lag time before cancer manifests itself in the population.

In conclusion, our world, and especially our generation, is faced with the most vital decision that will affect our future: the transition to a new energy source.

History has shown that every time civilization has changed energy sources, there is corresponding change in the social and political structure. Our choice is clear: a centralized, capital-intensive, high technology route of non-renewable resources, or a decentralized, democratic route of renewable resources. The choice is ours. The time is now.

Tory Starr  
senior, nursing and political science

## Apology

The Lumberjack staff would like to belatedly extend its sympathy to the family and friends of the late David Woodcock. We also wish to express regret if the story, "Explanations offered for student's suicide," in last week's Lumberjack caused any undue pain for those close to the deceased.

It was our intent to report the facts to the best of our knowledge and put them in a perspective which might help other students going through emotionally difficult times. It was not our intent to "sensationalize" the tragic death of a fellow student.

## View from the stump



Editor's note: This article was thoroughly footnoted, although these notes could not be included here. However, readers may come to The Lumberjack and read the complete article.

By JOHN MC ALINN  
guest writer

In recent years, the State Department of Education has come into compliance with the federal education for handicapped people. These statutes have been interpreted to include those persons who are educable with learning disabilities, including those classified as slow learners, emotionally unstable, dysfunctional, motor sensory deficient and, in general, gifted or exceptional.

The term "adaptive PE" dates back to before 1902, when Henry Clarke wrote his book on developmental and adapted PE which has been reprinted and updated through 1978.

Although there have been many isolated specialists in the area of adaptive PE, it has only become a recognized field within physical education during the past few years.

Some other names for adaptive PE are PE for exceptional children, preventative and corrective PE, PE for special needs, PE for those with minimal brain dysfunction, PE as a behavior modification approach, teaching the physically handicapped to swim, and PE for the physically handicapped and the mentally retarded.

All of these names or titles are now a stockpile of

resource information to be used as a basis for development of a new credential program within university systems throughout the United States.

The new adaptive PE credential program is scheduled to become a part of HSU's School of Physical Education sometime in late 1980 or early 1981, according to Evelyn Deike, professor and head of the school's credentials program.

"We have submitted our request for this program and have compiled with all the necessary steps in order to make it a reality. We only have to wait until the State gets back to us and, at that time, we will add an advanced adaptive PE class to several other classes needed for a student to receive their credential from this department."

Professor Leela Zion, masters counselor for the PE department, has been and is the primary vocal negotiator for the adaptive PE credential. Christopher Hopper, lecturer, will be handling negotiations in adaptive PE for Zion this fall.

While federal and state regulations and intent to allow the adaptive PE credentials to various universities, including this one, have been initiated and completed on many campuses throughout the U.S., problems concerning the job market are being questioned.

Dewell Byrd, director of special education for Humboldt County, was asked in a recent telephone interview, "What could a graduating student expect to find in the job market by accomplishing an adaptive PE credential?"

His reply was, "Under the master plan, a reoccurring five year plan in which special education is the major

part, there will be no dollars in special education for adaptive PE.

"The dollars will have to come from the General Education fund, which is limited. It looks like adaptive PE people will have to look to the urban areas for work.

"Right now, one of the two people heading up adaptive PE in this county is leaving their position, which won't be filled. In addition, special education will be carried on for those in the current programs, but further cutting back is in the works."

What does this mean for students seeking an adaptive PE credential? It means a student of PE will have a better chance of getting a job if he has the credential, according to the PE department's secretary, who has done most of the paperwork in getting the credential.

Darsty Christenson, a 10-year veteran with the Humboldt Special Education Master Plan, believes that although less moneys will be available for the smaller, specialized classes like those under the master plan, adaptive PE people will be highly valued for their special interest area and most teachers would be glad to see someone who could handle the problem youths they may be having a hard time contending with during overcrowded class sessions.

"However," she cautioned, "be aware of taking on too much and too many of the problems. Use preventative assertiveness that will benefit everyone and establish your limits to prevent burnout."

"Clarence Christenson, my ex-husband, was the first person to receive a special education credential from HSU through the speech and hearing department in 1983."

## Adaptive PE deserves dollars

### CHIEF STEERING PUL



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# GE requirements to increase by two units

By SUE GROENIGER  
staff writer

Graduation may be two units further away for HSU students under the fall 1981 catalogue (and up to 12 units more for students on other California State University and Colleges system campuses) when increased general education requirements go into effect next year.

Regulations under Title 5 of the California Administrative Code increased minimum general education requirements from 60 to 72 this year. All colleges in the system must comply to the change by fall 1981.

Since HSU already requires 70 minimum general education units, the increase to 72 will not be as difficult as for some schools. "I think that HSU had a lot of foresight

when they first developed our present general education requirements," Lolly Haston of Academic Information Referral said.

"Think of the universities that must increase their program by 12 units. It will take a major revamp."

Before the amendments to Title 5, two courses from four areas (basic subjects, science, humanities and social sciences) totaling 48 minimum units were required. In addition, 12 units of additional courses were mandatory.

Under new Title 5 requirements, 72 units of general education will be divided into English language (oral, written and critical thinking), 14 units; science, 18 units; humanities, 18 units; social science, 18 units; plus 4 units of miscellaneous courses.

Many of the new demands by Title 5 have been in effect at HSU for several years.

"HSU need only make a few adjustments to comply with the new requirements," Haston said.

"More and more nationwide evidence shows that breadth in education creates a critically thinking, more flexible and a generally better educated person."

Emphasis phases will have to be adapted to accommodate Title 5 changes.

Under the 1981 catalogue, emphasis phase requirements will be 12 units for both native and transfer students. Currently, 20 units are required for native students and 10 for transfers.

"The 12-unit emphasis phase is going to be university policy," Whitney Buck, dean of undergraduate studies and creator of

the emphasis program, said. "However, there are still other decisions to be made about the new policy."

The new adaptations to Title 5 at HSU must first be decided by the University Curriculum Committee, which consists of 10 members, including three students. The plan then goes to the vice president's office for approval.

Todd Lufkin, academic affairs commissioner and three-year student member of the curriculum committee, said the emphasis phase is a "burden, especially on transferring students. General education is a hurdle and the emphasis phase makes it even higher."

Students will be able to decide under which catalogue they would like to graduate.

## Arcata awaits funds for parks development

By TOM WALLACE  
staff writer

The Arcata City Council decided last month to acquire six pieces of private property for parklands, but has put off development of the properties because of a lack of funds.

City Manager Roger Storey said the council was forced to make the delay because owner appraisals far exceeded city appraisals of property value.

"We're willing to enter into sales agreements within the next few weeks," Storey said. "Our intent is to negotiate willing sales at fair market values."

The six sites were zoned two years ago to prevent development, but that restriction expires in March.

Although Storey said the city is not operating on a deadline, owners of the property can begin development if the city has not acquired the property by next March.

If owners begin development, the city could condemn the properties or look for alternate park sites.

Storey said he is confident the properties will be in city ownership by March.

"If propositions 1 and 4 pass, the city has a good chance of getting up to \$100,000 immediately in grants and through bonds," he said. "We would much rather

not get into condemnation proceedings."

Ken Ough of Merrill Lynch Inc. of Santa Rosa, the city's bond agent, said the city must reach an agreement with the property owners concerning purchase prices before a bond sale can begin.

Even if city officials decide to begin condemnation proceedings, the city will have to have available money for eventual purchase of the property.

The city would have difficulty setting aside money for eventual purchase of the properties without knowing a specific purchase price, Storey said.

"I cannot release any specific figures at this time," he said.

Storey estimated costs of a bond issue at approximately \$350,000. That would leave about \$1.25 million for acquisition and development, although Storey said most, if not all, of the money would go for acquisition.

Anticipated costs for acquisition at the parkland project's inception were \$800,000.

Money for the project will come from a \$1.6 million bond sale backed by revenues from the sale of timber on city forest land. Arcata voters passed an initiative authorizing the bond sale last November.

Storey said the council has several options for additional funds for the project.

"The bond sale could be increased to \$2 million," he

said, "but that would increase the bond's debt service payments by about \$50,000 a year." The council last month rejected a proposal to increase the bond sale.

Funds could be "stretched out" if the community assists in developing the sites, Storey said.

"With the aid of community groups, incremental development is a real possibility. Perhaps some grading or drainage work could be done. Whatever is available, we'll gladly accept."

The six sites include a proposed 30-acre multi-purpose sports complex located between Highway 101 and Union Street, bounded by Seventh Avenue and Somoa Boulevard, and a 51-acre expansion of Ennes Park. Other parks to be established are Pacific Union Park, between Pacific Union School and Ribero Lane; Westside Park, west of the Greenview neighborhood; Bayside Park, on Somoa Boulevard just east of Sunnybrae; and an as yet unnamed park southeast of the intersection of Alliance and Foster roads.

Storey said that although the city has been forced to "lower its expectations," he is still confident that negotiated settlements at fair market values will be obtained for the six park sites.

"We're doing long-term planning for the sites, and they have a lot of potential. The council just feels that it should acquire the properties now while they still can. And I think they've made the best decision."

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# Medi-Cal abortion funding could end soon

By JEFF NELSON-ROSE  
staff writer

Government funding of most abortions, cut off at the federal level last summer, may soon end at the state level as well.

The funding cutoff could cause problems for women in Humboldt County who seek abortions, since only one clinic — with limited facilities — performs abortions at low cost.

A 5-4 decision by the U.S. Supreme Court June 30 ended federal funding of abortions except in cases where it is necessary to save the woman's life or in cases of pregnancy from rape or incest that are properly reported to authorities.

That decision left the state as the sole government source of funding for abortions in other cases, Michele McKeegan, executive director of Planned Parenthood of Humboldt County, said in an interview last week.

Funding restrictions similar to those affirmed in the U.S. Supreme Court decision have been written into California budgets for the last two years.

Those restrictions, however, have been stayed by the state Supreme Court pending resolution of three cases now before it.

The three cases — brought against state officials by the San Francisco-based Committee to Defend Reproductive Rights, and pressed by American Civil Liberties Union attorneys — have been combined, a spokesman for Planned Parenthood Affiliates of California said last week.

The spokesman, David Alois, said in a phone interview that final arguments in the case were heard Sept. 2 and a final decision is expected in early December.

A 1976 California Department of Health report states 71 percent of the 689 abortions reported performed in the county that year were funded by Medi-Cal, the state health program. That figure is more than twice the national average for abortion funding.

Hospitals and clinics have not been required to submit detailed abortion data

to the state since that time.

Until the Supreme Court decision last June, federal and state governments shared the cost of abortion funding. Depending on the circumstances, the federal government provided 50-83 percent of the funds to state governments administering abortion funding programs.

Local Planned Parenthood director McKeegan said Medi-Cal funding is particularly important to those seeking abortions in the county because of the high cost of abortions at most locations here.

A 1978 Humboldt-Del Norte Family Planning Council survey found the cost of an abortion in Humboldt County in 1977 to range from \$975 to \$1,425.

The survey found the same service in San Francisco to range from \$135 to \$225.

Last year, PP opened a Saturday-only abortion clinic that charges \$200.

The clinic performs about a dozen abortions a week, about half the number performed in the county, McKeegan said, although figures are no longer kept.

If Medi-Cal funding is cut, one result will be more persons seeking abortions at the PP clinic, she said.

"The fact that they're on Medi-Cal indicates they're low income. There's just no way they'll be able to keep getting abortions (at other county institutions)."

To be eligible for Medi-Cal, an individual must have an income of less than \$336 a month after tax deductions and possess no more than \$1,500 in property, according to the county welfare department. An automobile is not included in the \$1,500 requirement.

McKeegan said the clinic is not equipped to handle several additional cases per week.

"I just don't know what we're going to do," she said. "I don't know how we could expand our clinic's services to see that kind of increase."

"We have birth control clinics four nights a week, and three afternoons. There's just no place to put it."

McKeegan added that PP gives priority to birth control services rather than

abortion, and speculated that if funding is cut and PP can't fill the added demand for abortion services, some persons may go to San Francisco, some will find a way to pay the extra cost of a hospital abortion and some will decide not to have an abortion.

Speaking of those who would decide not to have an abortion, McKeegan said "there are different degrees of unwantedness in pregnancies."

"Some women are absolutely clear — they do not want to be pregnant. Other women are more ambivalent. For those who are really ambivalent, it might be just enough to push them (to decide not to have an abortion)."

Surveys conducted in 1977 and 1978 by

the Texas Department of Health when abortion funding was cut there seem to bear out McKeegan's conclusions.

Most women who desired an abortion and who would have been eligible for funding managed to pay for one. But 35 percent opted to carry their pregnancies to term.

That statistic corresponded to a rise in fertility rates — the percentage of women able to have children who actually do — among women who would have been eligible for funding. The increase was 4.2 percent in 1977 and 12 percent in 1978.

Fertility rates for higher-income women rose more slowly — 1.6 and 0.6 percent.

## Campus buildings renamed; two HSU presidents honored

By ANTON VITTI  
staff writer

Two former HSU presidents are among those honored by the decision made last week to rename five campus rooms and buildings.

The decision was made by the University Facilities Naming Committee.

Van Matre Hall will be the new name of the Engineering Building, in honor of HSU's first president, Nelson B. Van Matre, who served as head of Humboldt State Teachers College from 1913 to 1924.

The child development laboratory will be renamed the Swetman Child Development Laboratory in honor of the college's second president, Ralph W. Swetman, president of HSU from 1924 to 1930. During Swetman's term, the school's curriculum expanded to encompass a broad liberal arts program geared to elementary school teachers.

The Explorers Lounge in the University Center will be renamed Karshner's Lounge in honor of the late Don W. Karshner and his 34 years of service to HSU. Karshner, who was dean of students and a professor

of speech communication, envisioned the development of the center.

Room 102 in Nelson Hall East has already been named Goodwin Forum. Goodwin, who died in 1978, served as the UC's first director and supervised its construction.

The Language Arts Building will be renamed Theater Arts to "reduce confusion," Richard L. Ridenhour, dean of academic planning, said. Classes normally thought of as language arts (such as English, speech and foreign languages) are rarely held in that complex.

The naming committee accepts suggestions from within the committee, from students, faculty or any other interested party.

Four of the seven members of the committee are professors emeritus John Pauley (theater arts); Katherine Corbett (social welfare); Joe Trainer (education); and Louise Watson (physical education).

Also on the committee are Fred Hibler of the Alumni Association; Joan Berman, HSU librarian; and Warren Houk, HSU zoology professor.



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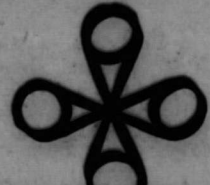
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# Library parking lot gets additional spaces

By JOEL TIPPLE  
staff writer

Forty-seven new parking spaces were added to the parking lot in back of the HSU library this quarter, bringing the total number of spaces to 151.

Total cost of the project, including landscaping and painting, was \$47,553, Dick Giacolini, director of procurement and support services, said. Construction of the new lot was contracted to Kadle Construction Co. of Arcata.

Dorsey A. Longmire was the architect for the project and a former HSU science professor. Dr. Thomas Gallagher, designed the landscaping.

Director of campus projects and research Donald Lawson said he believes

the parking lot turned out fine even though the university had to cut some financial corners to satisfy the chancellor's office.

"It's absolutely satisfactory from my point of view," he said.

Lawson said the university cut costs by not repaving the old portion of the parking lot and by installing two metal lightpole standards instead of four concrete standards.

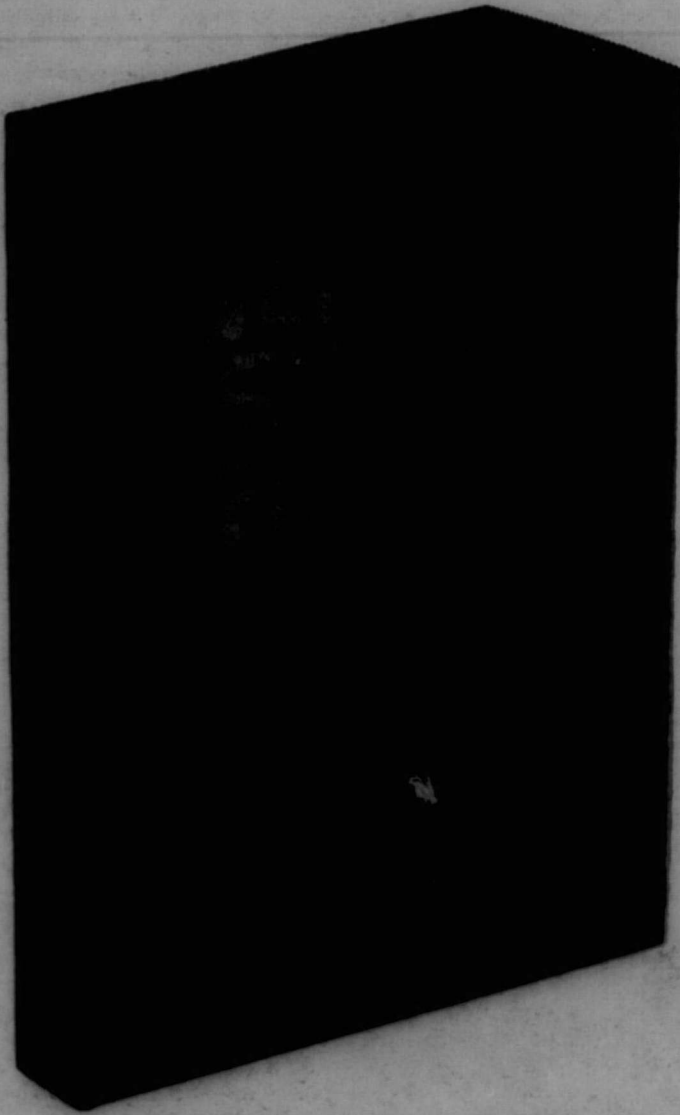
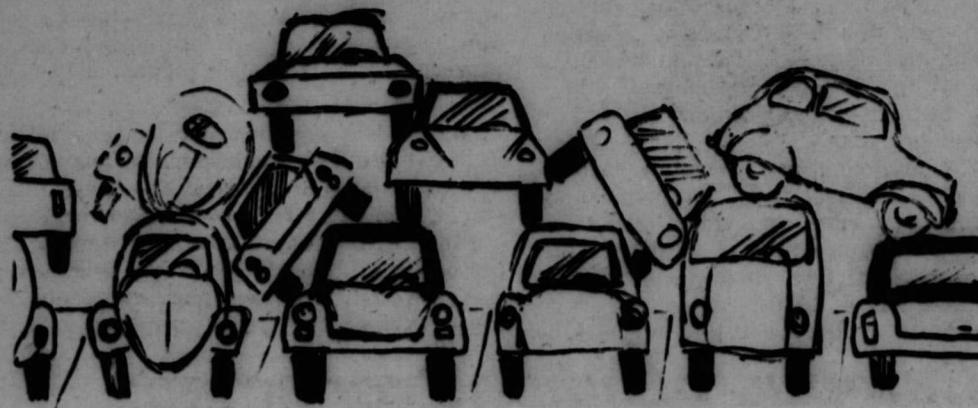
"There will still be plenty of light though," he said.

When construction for the project began, Preston Drive, located at the western entrance to HSU, was closed off. Lawson said this is part of a plan to eventually close HSU to through traffic.

Four houses were removed to make way for the parking lot and landscaping, Lawson said. One of the houses didn't directly affect the parking lot, but was torn down to make way for more landscaping, in accordance with university policy.

Lawson said he doesn't foresee any projects similar to this one in the next five years, but did say he could predict multiple-story parking garages sometime in the next century.

"It depends on the traffic problems we face in the future," he said.



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# PG&E wants time to study Humboldt nuke

By JOHN GREYDANUS  
staff writer

The possible permanent closure of the Humboldt Bay nuclear power plant, for economic rather than geologic reasons, was announced by Pacific Gas and Electric Co. Oct. 6.

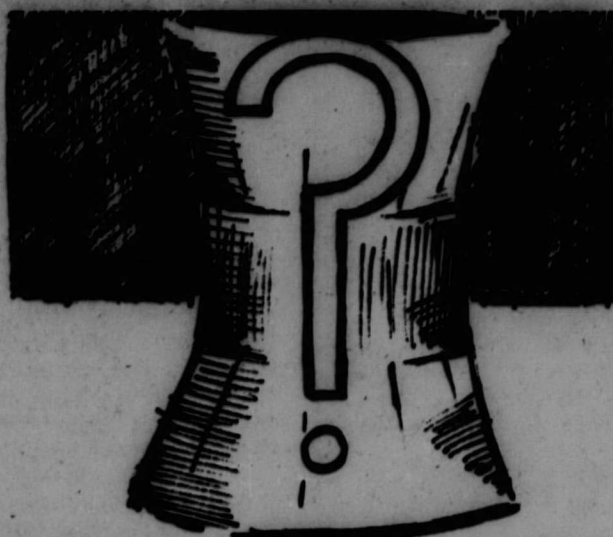
PG&E officials asked the Atomic Safety and Licensing Board for a three-month delay in the consideration of the plant's operating license in order to study the economic feasibility of reopening the plant under current nuclear power plant regulations.

"According to preliminary estimates, the cost of complying with (the current) requirements could be high in relation to the relatively small size of the Humboldt plant and its remaining useful life," a PG&E official said in the Oct. 7 issue of the Times Standard.

The ASLB has not yet granted the delay, but three requests for delay in the plant's consideration have been granted in the past.

The plant was shut down in 1976 after the Nuclear Regulatory Commission questioned the geologic and seismic safety of the site.

Released on Oct. 6, along with the requested delay, was a report by PG&E's geologic consultants, Woodward and Clyde of San Francisco. The report addressed the complaints of the NRC.



PG&E asked Woodward and Clyde to complete a two-phase study, according to Ed Weeks, Humboldt Bay plant manager.

"The first phase (just completed) was to collect geologic and seismic data and then advise PG&E as to the possibility of resolving the issues facing the plant," he said.

The conclusion of that study stated "the potential for resolving the technical issues is high."

"I assume the second phase of study (which would address the specific geologic questions raised by the NRC) has been postponed until after the economic study is

complete," Weeks said.

Some opponents of the plant have questioned the usefulness of the report and are unhappy with the request for another delay.

Carl Zichella of Redwood Alliance said the conclusions reached by Woodward and Clyde are too ambiguous to be of much use.

Adam Honea, HSU geology lecturer, compared the study to a "carrot on a string" held out by Woodward and Clyde in the hope of continuing research for PG&E (Honea made the comment in a telephone conversation with Zichella).

Every geologic study done since 1980 — two years before the plant was put into service — has been determined by the NRC as lacking, inadequate or inconsistent, Zichella said.

He called the requested delay for the economic study "just another smokescreen" to cover up the questionable safety of the plant site.

PG&E cannot admit geologic problems exist at the Humboldt plant without losing credibility with the public, he said.

Zichella said he believes PG&E has focused on economic issues because the geologic issues haven't been adequately answered. By not discussing seismic problems, the public concern will be minimized.

He said he is also concerned about the request for another delay.

"The ASLB told PG&E the Oct. 1 deadline for the geologic study was the last extension (the Humboldt Bay plant would receive), and PG&E has gone ahead and asked for another delay."

Derek Rust, HSU geology lecturer, said the purpose of the requested delay might be to allow the licensing of the Diablo Canyon nuclear power plant before the fate of the Humboldt plant is decided.

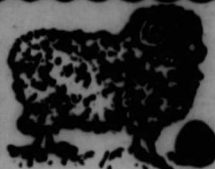
The closure of the Humboldt plant for geologic reasons could set a precedent that would affect Diablo Canyon, he said.

The seismic safety of the Diablo Canyon has also been questioned.

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## Historical Perspective: Ideas, Resources and Technologies



By SCOTT TERRELL  
Co-Director  
Campus Center for  
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Have you ever wondered how the present physical makeup of society such as industry and transportation came about? Could the car you drive or the house or apartment you live in today have been constructed with the tools and materials that were accessible a thousand years ago? The material resources were available, but the know-how or technology was not as advanced as it is today.

New ideas prompted new technologies and better ways of extracting resources. Technologies continued to progress, but the quantity of resources did not.

Could these cycles of ideas, resource extraction and advancing technologies continue with a reliance on finite resources? Could this cycle be improved by substituting our dependence on finite resources for nonfinite, renewable resources? Let's take a look back through history and see if some of these questions can be answered.

Twenty thousand years ago, our use of resources was limited. We ate what we could find and relied on warmth from the burning of wood and radiant energy from the sun. Our tools were primitive, as was our technology.

Between about 1500-2500 B.C., metal and bronze were discovered. New discoveries brought about new ideas and our ability to use these resources improved. The power behind the movement of wind and water was captured in the form of windmills and waterwheels to enable the grinding of wheat and the pumping of water.

About halfway through the 12th century, coal was discovered. Coal had the capacity to provide a large quantity of energy per unit size. Coal made it possible to extract more resources. New methods of mining and mechanization were developed which made it even easier to extract.

In the early 1700s, steam was produced from the heat provided by coal. The in-

dustrial revolution was fast under way and so were new ideas. Steam carriages and railroads were invented and put into operation. Of course, this greatly improved our mobility to move west across the Great Plains.

In 1831, Michael Faraday discovered electricity, which had great implications on the formation of societies in terms of how people concentrated in cities, made possible by the transmission of energy from a distant, central power source. The first successful transmission of electricity from a distant water source was made in Germany in 1891. Hydroelectricity, as well as electricity formed through the inputs of coal and natural gas, came into being.

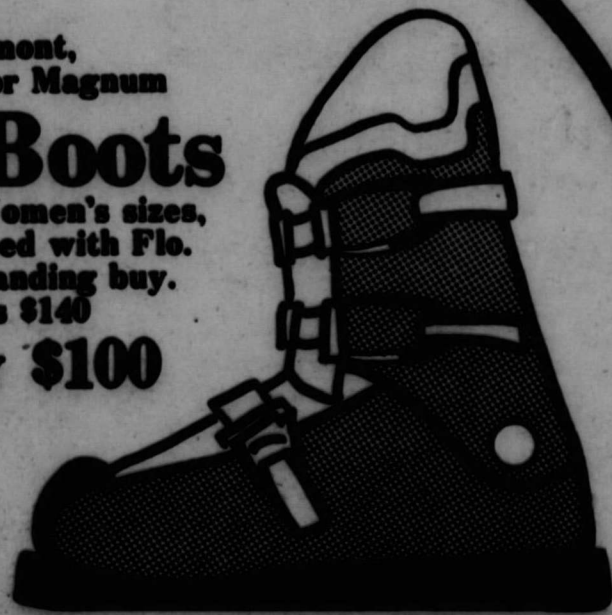
Just eight years before Germany's success with electricity, solar energy was being used to distill water in Salinas, Chile. A solar steam engine was constructed three years later in France in 1884. And in 1891, solar hot water heating was emerging in Southern California on a residential scale.

Was this the beginning of the age of solar energy? If it was, what happened?

Oil was discovered in the late 1800s. Large quantities were found and, because it was a highly mobile and concentrated form of energy, it was highly desirable as well as inexpensive. And, not by mere coincidence, cars and airplanes were invented and put into use soon after this time. Oil like coal is also a finite resource.

In 1980 there is great concern about what we are going to do about our scarce and dwindling supply of natural resources on which we depend. Can we continue on the path of dependence on finite resources and hope that the splitting of the atom will carry us through until we discover a reliable way to contain the plasma of fusion energy and put it into use? Or is there a more appropriate technology that relies on renewable, environmentally safe as well as economically stable resources and takes ideas from both the past and the present?

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# Religion & politics: Panel touches on taboo

By L.J. AMMONS  
staff writer

Even though religion and politics are known as two of the most volatile topics of conversation, at times the two beliefs are forced to interrelate.

That was the attitude of four speakers in the panel discussion, "Religion and Politics '80," given last week at HSU.

The discussion was sponsored by HSU's religious studies program and was moderated by religious studies lecturer Gael Hodgkins.

The first speaker was HSU professor of political science Donald Andrews, who discussed the relationship between the church and a democracy.

Andrews said every regime needs a certain set of principles; customs, social values and religion are all part of these

principles, which he called "social glue."

People today look more to legislation than religion for principles, Andrews said, so society experiences a breakdown of traditional social values while courts are allowed to make interpretations on "substantive values."

Esther Holmes of the Arcata School Board also spoke, focusing on abortion and Equal Rights Amendment issues.

"I would consider abortion the No. 1 issue of this election year," she said. "It is immoral, and I don't believe taxpayers should have to pay for it."

Holmes said her convictions come not only from her religious background, but from history as well.

A society is judged by future generations on the regard it had for human life, she said, and abortion shows a lack of regard

for human life.

Holmes said she believes the ERA is too vague and that courts could interpret the law in several different ways that could damage American society.

Rev. John Rogers of the Newman Center in Arcata discussed the role of Roman Catholicism and government.

Rogers said that in the past Roman Catholicism played a very important part in the role of government, although its influence in America was not as strong as in other countries, such as those in Latin America.

The fourth presentation was made by Rev. Andy Montgomery of the Arcata

Presbyterian Church, who examined the Calvinist concern for protection of minority rights.

Montgomery said that in reform theology, the Holy Spirit works through the government, Congress and elections.

But the Holy Spirit's work is not always expressed through these functions, he said, and it is the religious minority's right to have "a concern when dictators (and) emperors become so immoral. There is a right among people to overthrow the government, so long as the actions are legal."

Montgomery said this is a minority right that should be protected.

## HSU 'volts' into No. 2 spot

By ANNE K. PALMER  
staff writer

With an energy bill of almost a million dollars a year, HSU is concerned about saving energy on campus.

HSU reduced its kilowatt consumption by 1.71 percent since last year, making it No. 2 in efficiency of kilowatt hour-use per square foot in the California State Colleges and University system, Lionel Ortiz, assistant director of Plant Operations, said.

Energy use at HSU has been reduced by 20 percent since this time last year, he said. So far energy conservation has saved the university nearly \$160,000.

Twenty-six thousand fluorescent lamps on campus were changed from 40-watt to 35-watt tubes. The project cost the university \$18,000 in materials and labor and is expected to save \$32,000 a year, he said.

The heating and ventilating system is being modified to recirculate more of the existing heated air, rather than heating air from outside.

A delamping program is also in progress. Lamps that are deemed unnecessary or that cause excess lighting are being removed.

The idea is to "conserve energy but not make life miserable," Ortiz said.

Another way to save money is to keep the energy load constant, he said. The university is charged by PG&E for the demand capacity. If the demand is kept the same without having any peak periods, costs will go down.

Boilers on campus are being checked to make sure they are combustion-efficient.

"We've got to come to proper terms with maintenance," Ortiz said. HSU is in "relatively good shape," but when things are left to slide, it costs more to repair them.

Housing and Food Services is also concerned with rising energy costs.

The solar panels on Redwood and Sunset Halls have decreased thermal use by roughly 31 percent, Harland Harris, director of Housing and Food Services, said.

The Jolly Giant Commons has changed from 200-watt light bulbs to 15-watt fluorescent coils. Hallways in the canyon dorms are also being changed to fluorescent lighting.

"We've got to do everything possible to cut back costs," Harris said.

One idea is a program to make the residents more aware of energy waste, he said. Another is to put the halls on separate meters and have a contest to see who can save the most energy.

## Enrollment, female percentage up

By LORRAINE ODA  
staff writer

Recent fall enrollment figures show HSU has 633 more males than females, even though the number of females increased by one percent since last year.

According to the HSU census compiled by registrar William Arnett, 7,419 full- and part-time students are enrolled this quarter — 4,026 males and 3,393 females — 80 more students this fall than last.

The Lumberjack reported an increase of 47 students for the first week of school, but that number increased to 80 during the third week.

Current enrollment at HSU is "surpassed only by the fall quarter of 1977," when there were 7,467 students, Arnett said.

In the fall of 1979, 55 percent of the students were male, he said. This quarter 54 percent are male.

He noted that the number of female freshman decreased from 379 in 1979 to 356

in 1980.

The number of Asians and Pacific Islanders is up 23 percent; Indians and native Alaskans, up 10 percent; and Hispanic students, up 8 percent from last fall, he said.

The number of white students decreased by 2 percent, he said, and the number of blacks (not of Hispanic origin) is down 10 percent.

Arnett said ethnicity figures (shown below) are based on data provided voluntarily by students.

123 American Indian or Alaskan native  
44 black, not of Hispanic origin  
5,459 white, not of Hispanic origin  
175 Hispanic  
146 Asian or Pacific Islander  
338 other

50 (estimated) jokesters (frivolous information)

1,084 unidentifiable (did not supply data)

7,419 total enrollment (as of third week)

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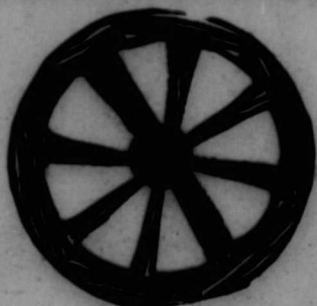
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WHILE WORKING TOGETHER ON A RECENT CRAFTS PROJECT, Aaron Steinberg cast an inquisitive glance at instructor John Schmidt.



JUST HANGING AROUND: Gavin Fuller's world takes on a new perspective at Equinox.

# Equinox fun with learning



By WA  
st

The atmosphere was relaxed but studious in Tuesday's afternoon class at Equinox School in Arcata. Except for an occasional whisper and giggle, the third- through sixth-graders at the "alternative" school were intent on their schoolwork as they sat on the couches or at tables and in the library.

"Most of the kids take getting their work done pretty seriously," Equinox teacher Larry Fine said. "We emphasize to our students that this is a workplace. It's relaxed, but it's clearly a workplace."

Alternative schools became popular in the 1960s and 1970s when many parents thought public schools were too structured and rigid in teaching their children. Schools offering more "open" structures in learning became known as "alternative" schools.

Fine and another teacher, John Schmidt, work with the older (8- to 11-year-old) students at the school. Equinox also has 18 5- to 8-year-olds in the lower grades.

The school was started in 1970, when it was held in an old church building. It moved to its present location at 470 Union St. five and a half years ago.

The octagonal classroom has the informal atmosphere of a family den. It is one room divided in half by a chest-high shelf. The library is in the next room. Plants and paper balls hang from the ceiling. A bulletin



COOPERATION STARTS AT A YOUNG AGE as Valerie Peters, Brisa Roche, Gavin Fuller, Leona Taylor and Ansel Ortiz gather for noon meal.



# Signs

# ing

Photos by  
Morgan Meyer



AARON STEINBERG FINDS A QUIET PLACE to curl up and practice his penmanship.

ER

ard on one wall is covered with snapshots of a recent backpacking trip. Across the room, painted masks dry on a window ledge. A fish tank full of guppies bubbles quietly near a shelf of microscopes and earth-filled tin cans.

One purpose of the school, Fine said, is to develop a family atmosphere in the classroom.

"The kids need to feel secure to explore in a safe, nurturing environment," he said. The open environment Equinox develops a maturity in the students for handling themselves outside school.

Most of the older students spend the day learning to read, write and do arithmetic, Fine said. Special classes ranging from "drama to arts and crafts to science and geography" are sometimes taught by volunteers from the community.

"The special classes tend to change every six weeks or so," he said.

The school makes three trips a year: a backpacking trip at the beginning and end of school, and a trip to San Francisco.

"On the trips, we get some of the best experiences of the school year," Fine said. "It gives the kids a chance to get out in a group into the real world.

"They handle the trips amazingly well."



EQUINOX SCHOOL EMPHASIZES A CLOSE STUDENT-TEACHER RELATIONSHIP; Geri Grant gives Ansel Ortiz a helping hand.





# Shop's assets may be frozen, prices aren't

By MIKE BRIGGS  
staff writer

More expensive ingredients are responsible for a 34-percent increase in ice cream prices since last year at the HSU Sweet Shoppe, Alice Hackett, HSU food services manager said.

"We (Housing and Food Services) didn't go up last year in order to try to hold prices down," Hackett said in a recent interview. "But there was such a large increase this year, we had to raise the prices."

The three-gallon tubs of ice cream rose in price from \$3.50 in 1979 to \$4.70 this year,

she said, which increased the price of a single-scoop cone from 45 cents to 60 cents. The tubs, which average 26 scoops, retail for \$17.75.

The Sweet Shoppe sold 307,783 scoops of ice cream (more than 12,000 gallons) in 1979, Hackett said, an increase of 50



percent since the shop's opening in 1975. The Sweet Shoppe, which is part of the University Center, was remodeled this summer because of smoke damage from a dishroom fire last spring.

"Most of the cost of remodeling was covered by the fire insurance," Hackett said. "This (the remodeling) has not increased the prices of the ice cream at all." Customers do not pay sales tax on the ice cream.

"Anything you can walk away with and eat, you don't have to pay tax on," Hackett said. "This includes candy, which we now sell."

Prices at the Sweet Shoppe range from 60 cents for a single scoop cone to \$15 for the "Redwood Bowl," a 26-scoop mass of ice cream, syrup and whipped cream.

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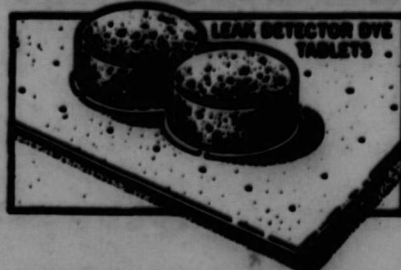
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# Program's closure brings mourning after

By JEFF DE LONG  
staff writer

A sharp increase in the number of arrests in Eureka for public drunkenness could cost Humboldt County taxpayers more than \$4 million next year after a program that could have kept that cost down ended last June.

Humboldt County District Attorney Bernie De Paoli said in an interview Wednesday the number of drunk-in-public arrests has increased dramatically since the June 30 closure of the state-funded Drydock public inebriate program.

De Paoli said the program could have kept the taxpayers' cost to \$100,000.

The program began operating in July 1977, and was slated to end in December 1979. Additional state funds and a \$22,000 donation by the city of Eureka kept the program going another six months until money ran out last June.

De Paoli said that in 1979, while the program was still in operation, about 1,400 persons were apprehended in Eureka for public inebriacy. Since the program was halted, the number of arrests per day has increased by an average of 15. The number of arrests in July, the month after the program shut down, was double that of June.

Each time a public drunk is arrested and processed, it costs county taxpayers at least \$140, De Paoli said. If the number of arrests continues to rise at the current rate, it could cost taxpayers \$4.5 million in a calendar year.

If the Drydock program was still in operation, De Paoli said, the cost would probably not exceed \$100,000 because fewer drunks would have to be booked.

"It's ridiculous not to have the Drydock program in existence," he said.

The program originated in 1976 when the California Legislature selected Humboldt and Sacramento counties to participate in a two-year "Public Inebriate Demonstration Project."

Gino Maiolini, Director of Drug and Alcohol Programs in Humboldt County, said the program had two main functions and that both were very successful.

The first function of the program consisted of a "screening and evaluation" service for persons diverted to Drydock by the police. Officers who found a person drunk in public could bring them to Drydock rather than arrest them, Maiolini said.

This saved the police a lot of time and taxpayers a lot of money, he said. In screening and evaluating,

Drydock workers would determine the inebriate's identity and drinking and health history.

If the person was willing, workers would then place him or her in a "social setting detoxification unit," a coeducational facility where inebriates would be helped through the alcohol withdrawal period.

Maiolini said the second main function of the Drydock program was a 24-hour drop-in information and referral service and social center for public inebriates.

The program was very successful both in helping public inebriates who used it and in reducing their visibility on city streets, he said.

"Most importantly, Drydock was a place to be. Everybody needs a place to be, a place to socialize."

Despite its apparent success, the program's funds ran out and it was closed, much to the disappointment of many people, Maiolini said.

De Paoli agreed Drydock was a program well worth continuing.

"Drydock was a tremendous asset to this community," he said. "During the eight years I've been here, I've never seen a more singularly successful institution."

De Paoli said with the program closed "there is no doubt" in his mind that the public inebriate problem in Eureka will continue to increase at great cost to the taxpayers.

De Paoli also said the problem could severely damage the tourist industry in Humboldt County.

"It's got to affect the whole economy of the county in general. I'm flabbergasted that the cities and county let this happen. There's not one shred of logic in not letting an institution like Drydock exist."

Eureka City Councilman Tom McMurray Jr. said the problem of public inebriates in the city is not Eureka's alone, and that its solution will take "a lot of concerted effort on part of all the county."

While most of the county's public inebriates are found in Eureka, they come from all over the county as well as out of state, he said.

Humboldt County Supervisor Eric Hedlund said he would like to see another program like Drydock, but so far "no one has come to us (the Board of Supervisors) with a proposal."

Hedlund said the board has not been given any figures regarding the possible tax savings of another program like Drydock, and that he would be interested if "Mr. De Paoli would like to share his figures with us."

Joel McDonough, a recovered alcoholic and ex-staff member of Drydock, said the real tragedy of



Drydock's closure may take on a much more personal nature than loss of tax funds.

In the four months since Drydock closed, six inebriates who frequently used the program's services have died, McDonough said. One of them went on a fatal alcoholic binge shortly after Drydock shut down. He had been sober for six months prior to the closure.

McDonough said he doubts if any of the six would have died if Drydock had still been open. He predicted three people would die over the summer after the program's closure, "but that number doubled."

"I would estimate that 10 people will die this winter," he said.

"When they came into Drydock they had a place to go. Now they have no choice but to go back out into the weeds."



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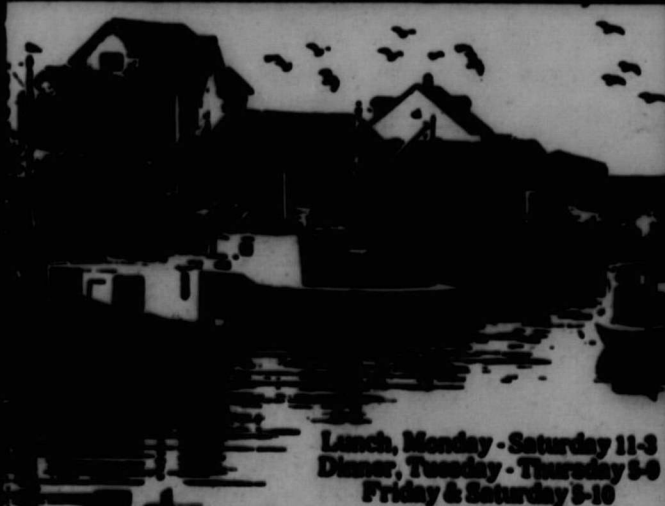
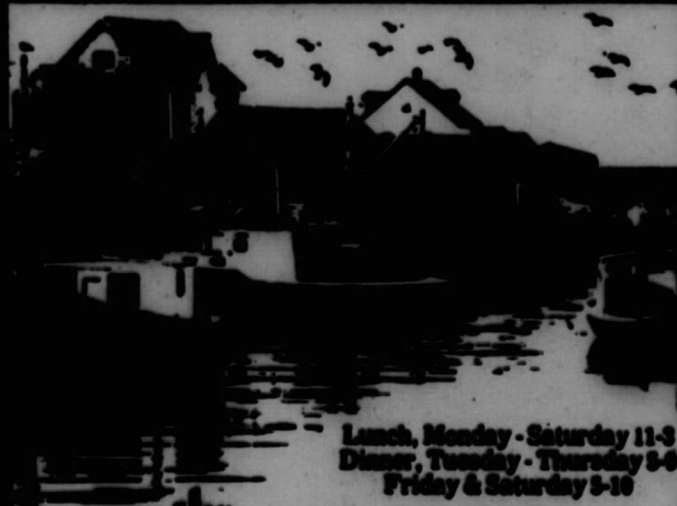
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# Nutrition—From the Bottom of the Bowl



By BRENDA MILLER  
staff writer

"Bread makes itself, by your kindness, with your help, with imagination running through you, with dough under hand, you are breadmaking itself, which is why breadmaking is so fulfilling and rewarding." — from The Tassajara Bread Book

Many people shy away from making bread because they feel it is too complicated or takes too much time. This is unfortunate for not only is making bread a deeply satisfying experience for yourself and those around you, it is also a sure way of knowing you are receiving the optimum amount of freshness and nutrition in each slice.

If you are a careful label reader, you will see that much of the commercial bread on the market, even that touted as "100 percent whole wheat," is often made with

processed white flour, sugar and preservatives. This is not the "staff of life" lauded by poets, but a faulty imitation carrying little of the heartiness (or heart) of homemade bread.

Breadmaking is really not as time-consuming as it may appear. Yes, it takes about three or four hours to turn out a couple of loaves, but most of that time is needed to allow the bread dough to rise — time which can be used in other ways. Making bread does entail sticking around the house, but if you were planning to do so anyway to study for midterms, you can make double use of your time.

The most nutritious bread always starts out with whole wheat flour. White flour is made through a process in which whole wheat powder is sifted until only the finest particles remain. The coarser particles of the wheat — the berry, bran and germ — are discarded, along with their taste and nutrients. Lost are the B-vitamins, fiber,

wheat germ oil, vitamin E and trace minerals, along with a good deal of the protein which clings to the bran. In enriched bread, chemical equivalents of some of the vitamins and minerals are added, but not all.

Since the fiber is removed in the process, white bread has a difficult time making it through the digestive system and does an excellent job of clogging the intestines.

Individual recipes may call for sweetener, milk, seeds, cooked grains, dried fruits or different types of flour. By becoming creative and imaginative, you can make bread that is not only highly nutritious, but also tasty enough to substitute for sugary desserts.

## Grainy Bread

from "Wings of Life" by Julie Jordan

1 T. dried yeast  
1/2 cup warm water  
2 1/2 cups milk or water  
2 T. unrefined oil or butter

2 t. salt  
3 T. honey  
Nutrition Fortifier Block (optional)  
1/2 cup non-fat dry milk powder  
1/2 cup soy flour  
2 T. wheat germ  
2 T. food yeast  
7 to 8 cups whole wheat flour

Dissolve the yeast in warm water to activate it. The water should be around body temperature or a little warmer, but any hotter and you will kill the yeast. Set it aside.

Heat the milk or water and pour into a large bowl. Add the oil and honey. Add salt and as many of the fortifiers as you are using. Mix in about 5 cups of flour.

Check the yeast water — if it's foamy, the yeast has been activated. Add to the main bowl.

Continue adding flour, about 1/2 cup at a time, stirring after each addition. Stir in the same direction each time to build up the gluten. Add flour until you can't stir anymore and the dough pulls away from the sides of the bowl.

Lift the dough onto a floured bread board or counter, flour your hands, and start kneading.

Knead by folding the bread dough in half toward you. Place the heels of your hands on the near side of the dough and push down and forward, rocking your whole body into it and applying a steady even pressure. Turn the dough a quarter turn and repeat. As the dough takes up new flour, re-flour the board to keep it from sticking. Get into a rhythm with it; listen to music or meditate.

Knead for five or 10 minutes, until the dough stops taking up flour and has a good spring to it.

Replace the dough in an oiled bread bowl, cover with a damp towel and place in a warm spot to rise. If it isn't sunny out, leave it in a warm oven. Let it rise until doubled in bulk (an hour to an hour and a half), then punch it down and squeeze out the air bubbles. Allow to rise again (this second rising can be omitted).

Punch it down again and cut into two pieces. Knead each piece five or six times. Then roll each piece into a log shape and, with the seam on the bottom, square off the sides and the ends. Slip the loaves into oiled or buttered bread pans.

Allow to rise for about a half hour.

At this point, you can slash the tops, brush with milk or beaten egg, sprinkle with sesame or poppy seeds or just leave plain.

Preheat the oven to 425 degrees and place loaves in for 15 minutes. Then turn the heat down to 350 degrees.

Check the loaves after 20 minutes. You can tell they are done if the loaves are golden brown. Slide the loaves out of the pan. If they come out easily, they are most likely done. Tap the bottom of the loaves; they should give off a hollow sound.

Leave the loaves on a cooling rack for about an hour.

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# Muse-ments



TAMBO, A SOUTHERN HUMBOLDT COUNTY BAND, arrives in Arcata Thursday for a 9 p.m. performance at Jambalaya. The band, which features samba, salsa, reggae, Latin funk and jazz is also playing in the University Center Quad at noon, Friday.

and in the Rathskeller Friday night at 8. Tambo's members are (left to right), Jimmy Durchslag, Randy Clark, Laine Ludwig, Leib Ostrow, Larry Wilson, Joni Rose and David Penlosa.

## Rhythm without blues

By GENE CASE  
staff writer

In various West African cultures, drums speak the people's languages. History is recorded and stories are passed from generation to generation through music, dance and the drum beat.

Tambo, a band from Southern Humboldt County, speaks a dialect of this language, playing a fusion of intricate, traditional African, Cuban, Haitian and Caribbean rhythms interwoven with European melodies to form a unique blend of jazz.

I first heard Tambo in Garberville's Fireman's Hall this summer and was immediately uplifted by their joyous, celebratory music. Tambo transcends the often mundane rhythms which pound their way through a great deal of our contemporary music, providing its audience with multi-patterned rhythms to listen and dance to.

"I think part of what we try to do around here is get people turned on to the idea that good dance music doesn't have to be rock'n'roll," trombonist Jimmy Durchslag said during an interview last week.

"Often I think people have the preconception that if it's not rock'n'roll you can't dance to it, and I think our audiences are finding that you can dance to a lot of different kinds of music."

"You want to gyrate to Tambo," percussionist David Penlosa added.

Tambo also reaches beyond popular music's addiction to the lonely-broken-hearts theme.

"We only do happy songs, no sad songs," Penlosa said. "Music conditions you, it brainwashes you; and most people are brainwashed into holding onto bad feelings about relationships through popular music. We figure we might as well balance it out and go the other way."

Tambo's spirited repertoire is created from Latin and African folkloric music, contemporary reggae songs and their own original jazz pieces. The band uses traditional ethnic instruments accompanied by the contemporary guitar, bass, traps, trombone and vibes.

From Cuba, Tambo plays "carnival rhythms that grab people and make them want to cast off their worries."

There's Havana's salsa, and the desgarga, "a completely open-ended jam," using congas, maracas, the ceremonial bata drums and the clave, rosewood sticks which form the rhythmic skeleton of Cuban music.

Tambo also performs Brazil's carnival rhythms and spiritual chants, climaxing in the batucada, a spontaneous street samba during which "we all jump off the stage," dance with the audience "and take it out into the street," led by the piercing penny whistle and surdo, a large bass drum.

Wild, festive sounds are created by the agogos (bell sets), ganzas (metal shakers), the cuica (which sounds like an animal laughing under the torturous fingers of a relentless tickler), and the heco-heco, a spring strung inside a metal case resembling an abandoned car part.

Tambo is made up of seven Southern Humboldt County residents. Two of the band's percussionists, Penlosa, and "nudist panderero" Laine Ludwig, studied with a master drummer prince from Ghana, Kwaqu Ladzekpo.

Ludwig also studied tablas at Ali Akhbar's College of Music.

Traps player Randy Clark is Tambo's "veteran band member."

"It's all I've ever done," he said, reminiscing over his years as a rock'n'roll drummer.

Durchslag, "one of the pillars of the community," has lived in Southern Humboldt for 10 years. He's a founder and director of Redwoods Rural Health Center, board member of Mateel Community Center and president of Southern Humboldt Working Together, but claims no involvement whatsoever with the Elks Lodge or Kwanis Club.

Tambo's guitarist, Larry Wilson, entertains the band with his "twisted sense of humor." Wilson is a member of Sinkyone Forest Service, a cooperative organization which logs on a sustained-yield basis to restore and maintain the forests' health.

Joni Rose is Tambo's lead singer. She plays percussion and guitar and writes many of Tambo's lyrics. Rose teaches theater and played one of the leading roles in the musical "Vibram Soul," for which she wrote three songs.

Bassist Leib Ostrow, "who was born with a bass string instead of an umbilical cord," is the band's newest member. He's "quite knowledgeable in all kinds of weird instruments" and recently brought the offspring of the San Francisco music store, "Chickens That Sing Music," to Redway.

Tambo will arrive in Arcata tomorrow for a 9 p.m. performance at Jambalaya. They'll be in the University Center Quad Friday at noon and in the Rathskeller Friday night at 9.

## Richard III opens Friday

By KAREN LUTTRELL-LANGDON  
staff writer

"Absolute power corrupting absolutely" is how director David Herman described "Richard III," the first of five theater art's performances scheduled for this academic year.

One of Shakespeare's history plays, this production deals with 16th century England.

Herman said in a recent interview that "Richard III" focuses not only on history, but also on psychological aspects of Richard's personality.

"Shakespeare took a lot of the play from what he thought was historically accurate and a lot from what he knew wasn't accurate," Herman said. It places more achievable demands on performers than some of his later dramas.

An Englishman, Herman last taught at HSU three years ago. Since then he has established local residence and a business as well as worked with local theater groups such as the Ferndale Repertory Theater and the Pacific Art Center.

He said he chose to direct a Shakespearean play for this HSU production because he hasn't done one in 13 years and Shakespeare is his favorite writer.

A theater arts committee chose "Richard III" from a list of plays Herman submitted. The decision was made at the end of spring quarter.

"I've always been fascinated by the theatricality of the play; it has always appealed to me," Herman said. "One can't help but be somewhat mesmerized by the character of Richard."

Richard becomes obsessed with the determination to obtain the throne and remain king. Sacrifices made in order to secure his desires initiate the corruption which becomes the main theme of the play.

A secondary theme which Herman mentioned deals with the Machiavellian theory on what constitutes an ideal political leader. This viewpoint suggests that an end may justify unethical means, when that end consists of keeping a strong country and leadership intact.

Herman said the play does not necessarily support this theory; the decision is left to the audience.

"In general, I think Shakespeare is very careful about shielding his judgments in his plays," he said.

Present day significance may be found in "Richard III" by comparing the play's two themes with modern happenings such as the Watergate scandal. Questions of corruption and whether or not the end (what the Nixon administration termed "the national good") justified unethical means, were put to society for a decision.

Casting for the play began the last week of spring quarter and finished the first week of this quarter.

Director Herman said the cast consists of HSU students and faculty as well as community members whom he came in contact with through local theater work.

Performers from Eureka, Arcata and Ferndale high schools are also in the cast.

Richard will be played by Mark Shilstone, an HSU speech department graduate student. Peter Rodney, theater arts acting instructor, will play Lord Hastings, and Gale McNeeley, clown technique instructor will assume the role of Buckingham. Lady Anne will be portrayed by speech department professor Bonnie Messinger.

The production's set designer is Ken Smith and the costume designer is Mimi Mace.

Herman said there will be many characters and names for the audience to keep track of, but that the important thing to try and remember are the character's functions and whose side they are on.

"The play is awesome in size. Shakespeare's concept so widely embraces various aspects, people and ideas that attempt to match what he asks for are somewhat humbling."

"I feel we're going to have not a bad stab at it," he added.

The play's awesomeness is something Herman said keeps the audience's attention. He said he has tried to make some cuts to accommodate the shorter attention span of most modern audiences without cutting out the heart of the play.

"The most challenging thing is the language. Besides the unfamiliarity, there are verse demands. It is both a challenge and a delight."

"Richard III" opens Friday, Nov. 7 in the Van Duzer Theater, and will be repeated on Nov. 8, 13, 14 and 15. Performances begin at 8 p.m. Tickets are \$3.50 for general admission, \$2.50 for students and are on sale at the Nelson Hall box office.



## Notable Dates

◆ Bill Monroe, father and originator of bluegrass music, appears with his band in the Kate Buchanan Room Nov. 8 for two shows at 8 and 10:30 p.m. Opening the show will be Fiddle Hill, a local bluegrass group. Tickets are \$6 for students and \$7 for general admission and are available at the HSU Ticket Office in Nelson Hall East.

◆ "Works of Art," a two-part exhibition by HSU's faculty, will be on display this fall at the Reese Bullen Gallery. The shows feature some of the principal artists on the North Coast. Part I runs Nov. 10-26 and Part II Dec. 4-17.

◆ Dave Van Ronk, a durable folk artist who has played with Bob Dylan and Phil Ochs, appears at the Jambalaya on Nov. 5 at 9 p.m. The songs he's authored include the classic "Cocaine." Tickets are \$4.

◆ Philadelphia Story, the superb 1940 film, will be shown at Founders Hall Auditorium Nov. 8 at 7:30 p.m. Haughty Socialite Katherine Hepburn gets her comeuppance at the hands of James Stewart and Cary Grant in this hilarious movie. Admission is \$1.50 adults, \$1 for children.

◆ Poet John Anderson will read selections from his works in the Kate Buchanan Room Nov. 6 at 8 p.m. His three books of poetry are "Looking for Jonathan," "Death and Friends" and "In Sepia." Tickets are \$1 at the door.

◆ Mad River Dance Co-op is offering three dance workshops taught by Joanna Harris, Bay Area dance teacher and movement therapist.

The workshops, which are sponsored by the California Arts Council, are "Dance Therapy," "Looking at Dance" and "Choreography."

The workshops meet at the dance co-op studio in Arcata on Saturday and Sunday, Nov. 8 and 9. Pre-registration is required. For more information, call 822-8087.

## Audio drowns Rankin show

By LEWIS CLEVINGER  
staff writer

Not unlike this year's presidential campaigns, Sunday night's Kenny Rankin concert at Bret Harte's left me with a feeling of frustration.

Don't take me wrong. Like everyone else who assembled at the Arcata bar in Jacoby's Storehouse to hear him, I was impressed by the range of Rankin's voice, his obvious talent and his ability to captivate an audience.

No, Rankin did not create the frustration. The audio technicians who failed to do their job were responsible for not allowing me to hear his voice the way it deserved to be heard.

The audio system, supplied by Two Street Music, was by far the most distressing element in the concert. For all but the privileged few who sat at the tables immediately in front of the stage, Rankin's voice came through as though he were talking underwater.

The words were fuzzy, the bass constantly reverberated and the treble was almost nonexistent.

Rankin himself described the result at one point as "singing into a pillow."

To further complicate matters, Bret Harte's, with its jutting walls and heavy supporting pillars, is not really conducive to good acoustics. Still, I think the audio could have compensated for that. Maybe the audio people were trying; if so, they've still got something to learn.

Rankin, however, was excellent. The horrendous audio and acoustical problems could never totally hide such talent.

His voice literally soared, the piano and guitar music provided the perfect vehicle, giving his voice wings. The man possesses a voice of incredible range, but one remarkably true in tone.

Rankin borrows songs from any and all sources, but the style is strictly his own. I recognized the words, but the music was subtly different, altered by his own unique perspective of what music should be.

Starting with "Why Do Fools Fall In Love," continuing on through the pop classics "Lyn' Eyes" and "Mr. Tambourine Man" to the haunting, beautiful "You Are The Sunshine Of My Life," Rankin suffused the songs with his own unique, distinctive style.



His style is smooth and laid-back — so much so, he wasn't even given an introduction — one moment an empty stage, the next, Rankin was singing in his smooth, powerful voice.

The audience didn't have to be told who he was; they knew when he strummed his first chord.

Rankin is not an imposing figure on stage, yet he captivates his audience.

Dressed in blue jeans and a dark pullover with rolled sleeves, he seemed completely at ease in the cramped closeness of Bret Harte's.

The mood, the music, the atmosphere and the man combined to create a remarkable performance under the circumstances that transcended the problems very well.

If his disdain of fanfare was due to shyness, as I have heard, he exhibited none of that during the concert. He entertained the audience beautifully, alternately lulling them into silence with his songs, then animating them once again with humorous repartee or a witty, funny remark.

I must admit I am a bit disappointed at the failure of the artist to include more of his own works in his performance. The audience saw Rankin's versatility, but no insights into the man himself.

He proved he can sing. But is he only one-dimensional, has he nothing to say about the many problems and issues facing us today? I, for one, would like to know more about Kenny Rankin the man. I refuse to believe he has only one side, that he has nothing more to offer.

One other thing bothered me: the price. Eight dollars seemed pretty stiff to me. At that rate, very few HSU students could afford to attend.

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Weekly

# Muse-News

## Wed., Nov. 5

Coffeeshouse Concert, Paul Rubin Band, 8:00 p.m., Rathskeller, free.  
Oregon Mime Theatre, College of the Redwoods Forum Theatre, 8:00 p.m.  
Tickets on sale at the Fortune Music Mart, Maxon's Music, Eureka; Uniontown Hallmark, Arcata and the CR bookstore. \$4 general, \$3 students with ASD cards.  
Slideshow, on Mt. St. Helen's — an informal talk given by the HSU geology faculty, 7:30 p.m., Science 135.

## Thurs., Nov. 6

Poetry Reading: John Anderson, 8 p.m., Kate Buchanan Room, UC, \$1 at the door.  
Lecture, Planet Earth, and You: Present, Past and Future, by A.M. Fine, 7:30 p.m., Founders Hall 112.  
Lecture, King James II, A Portrait of Failure, 4 p.m., Founders Hall 112, free.

## Fri., Nov. 7

Concert, Sheila Marks — Frank Marks, songs of de Falla and Rodrigo featured in a recital of Spanish music, 8:15 p.m., admissions \$2.50 general, \$1.25 students and seniors, Humboldt Cultural Center, 422 First Street, Eureka.  
Lecture, History and design of Shaker furniture by John Kassay, Kate Buchanan Room, 12 noon-1:45 p.m. Admission by ticket only. For information, call 824-4281.  
Cinematheaue, Alfred Hitchcock's "Shadow of a Doubt," 7:30 p.m., \$1.50; Led Zeppelin in "The Song Remains the Same," 10 p.m., Founders Hall, Auditorium, \$2.  
Volleyball, UC Davis, 7:30 p.m., East Gym.  
Play, Shakespeare's "Richard III," 8 p.m., Van Duzer Theatre, \$3.50 general, \$2.50 students.  
Folkdance Workshop, Arcata Community Center, D and 14th Streets, 7:30 p.m., \$2.00. Includes beginning and intermediate level folkdances from around the world and a short dance performance by the North Country International Folk Ensemble.

Concert, Latin music by "Tambo," a southern Humboldt County band, 8 p.m., UC Rathskeller, \$1.50 at the door.  
Lecture and Slide Show, Herbal First Aid, Founders Hall 107, 7:30 p.m., free.

## Sat., Nov. 8

Cinematheaue, Katherine Hepburn, Cary Grant and James Stewart in "Philadelphia Story," 7:30 p.m., \$1.50; "The Song Remains the Same," 10 p.m., Founders Hall Auditorium, \$2.  
Football, CSU Hayward, 7:30 p.m., Eureka High School (Albee Stadium).  
Volleyball, CSU Chico, 7:30 p.m. East Gym.

Play, Shakespeare's "Richard III," at 8 a.m. See Friday, Nov. 7.  
Concert, Bill Monroe and his Blue Grass Boys, 8:00 and 10:30 p.m., Kate Buchanan Room, \$4 students, \$7 general.

Chamber Music Series Concert, 8:15 p.m., Fulkerson Recital Hall, free.  
Seminar, Herbal First Aid, 10 a.m.-5 p.m., North Coast Chiropractic Center, 940 9th St., Arcata. To register, call 822-2552 between 1 p.m. and 5 p.m., \$15 registration fee.  
Workshop, Motivation for Secretaries. Participants will examine various motivating factors and explore reasons for lack of motivation, 8:30 a.m.-4:00 p.m., College of the Redwoods, Room 142, \$4 (luncheon), 1/2 unit of college credit available.

Rummage Sale, sponsored by the Child Development Laboratory, 9:30 a.m.-3:00 p.m., Arcata Eagles Hall, 11th and J, Arcata. Rummage donations will be accepted at the hall on Friday, Nov. 7, 10 a.m.-2 p.m.

Railroad Club, The Humboldt Bay and Eureka Model Railroad Club will be operating its HO scale railroad for the public, 7th and A Streets, Eureka, \$1 adults, \$.50 children, noon-midnight.

## Sun., Nov. 9

Cinematheaue, "The Postman Always Rings Twice," John Garfield and Lana Turner, 7:30 p.m., Founders Hall Auditorium, \$1.50.

Cinematheaue, Led Zeppelin, "The Song Remains the Same," 10:00 p.m., Founders Hall Auditorium, \$2.00.  
Railroad Club, exhibition noon-4 p.m. See Saturday, Nov. 8.

## Mon., Nov. 10

Student Recital, 8:15 p.m., Fulkerson Recital Hall, Free.  
Sex Education Debate, Jacqueline Kasun and Paul Crosbie. How should sex education be taught in the public schools? Kate Buchanan Room, 7:30 p.m., free.  
Variety Show, Arcata High School annual "SRO: Standing Room Only." SRO runs through Nov. 15, 7:30 p.m., Arcata High Auditorium, \$2.25 general, \$1.75 students with student body cards, senior citizens free. For more info. call 822-1731.

## Tues., Nov. 11

Booster Club Meeting, mandatory for all women interested in competing in sports this year, 7 p.m., East Gym, Room 113.

German Festival Cinema, Murnau's "The Last Laugh," 8:00 p.m., Kate Buchanan Room, \$1.  
Variety Show, "SRO: Standing Room Only." See Monday, Nov. 10.

## Wed., Nov. 12

Coffeeshouse Concert, Wayne Patty, Kevin Almeida, Colin Campbell, 8:00 p.m., Rathskeller, free.  
Variety Show, "SRO: Standing Room Only." See Monday, Nov. 10.

## Thurs., Nov. 13

Concert, Etta James and her band, Jambalaya, one night only, 8 p.m. and 10:30 p.m., \$5 in advance or at the door.  
Variety Show, "SRO: Standing Room Only." See Monday, Nov. 10.

## Galleries

Images of Light, photographs by HSU student Nancy Greene, HSU Library through Nov. 10.  
Net Energy, Arcata Recycling, North-coast Environmental Center, orientation for students. HSU Library exhibit through Nov. 17.  
Art Dept. Faculty Exhibition 1980, Reese Bullen Gallery, Part one: Nov. 10-26. Part two: Dec. 4-28. Gallery hours: Mon-Fri 9 a.m.-5 p.m.



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## Super race; super runner

# X-country team wins FWC title

By CHRIS SMITH  
staff writer

Proving himself as one of the favorites to win the national championship, Mark Conover won the Far Western Conference cross country title Saturday and led HSU to the team title for the second year in a row.

"Mark just had a super race," Coach Jim Hunt said about the combined FWC championship and Western Regional meet. "He definitely established himself as one of the favorites for the nationals."

Conover won the overall Western Regional race as well as the FWC title, beating Steve Alvarez of UC Riverside and setting a new course record on a rough and hilly course in San Luis Obispo.

Following Conover was Dan Grimes, last year's FWC champion, in fifth place overall, second in the conference.

Frank Ebner finished third in the FWC and 15th in the regionals with Roger Innes finishing fifth and 18th, as the Lumberjacks crushed Sacramento State, their closest conference opponent.

Grimes was one of the favorites in the race, but was bothered by the rough terrain on the golf course where the race was held, while Conover may have been helped by the conditions.

"Danny felt that the overall terrain of the course slowed him down," Hunt said. "There was a lot of side-hill running and they (the golf course owners) made us run in the rough instead of the fairway because they still were playing golf on the course."

Conover said he felt strong and confident throughout the 10,000-meter race.

"I was just feeding off of Alvarez and Gibson (Terry Gibson of Cal Poly San Luis Obispo, third place overall) for the first four miles," Conover said. "The pace felt easy. I felt like I wasn't even running. I couldn't believe it when we finished and they told me it was a course record (he took 28 seconds off the old record)."

The 'Jacks qualified second for the NCAA Division 2 Championships in the regional section of the competition (the races were run together but scored separately). Cal Poly SLO was the only team to beat the 'Jacks and is favored to win the national title, but Hunt said he believes the 'Jacks can give them a good race.

"We've got a good week of workouts ahead of us and if we get good efforts out of everybody, we can run with Cal Poly."

The 'Jacks started the race Saturday conservatively, Hunt said, but that will not be the case Nov. 15 in Kenosha, Wis., at the nationals.

(Continued on page 21)



DAN GRIMES (LEFT) AND MARK CONOVER (RIGHT), HSU's top runners, work out before the FWC finals. Conover won the race and Grimes was second.

The 'Jacks easily won the team title and qualified for the NCAA Division 2 nationals to be held November 15 in Kenosha, Wisconsin.

Karen Costello



SHEILA MASKOVICH HAMS IT UP during practice and relieves some of the tensions built up in anticipation of the 'Jacks first-ever national X-country meet appearance.

Karen Costello

By BOBBI VILLALOBOS  
and  
CHRIS SMITH  
staff writers

For the first time ever, the HSU women's cross country team is going to the nationals.

By placing third out of the 12 teams in regional competition at Long Beach Saturday, the Lumberjacks took the final qualifying spot for the AIAW Division 3 National Championships.

"As a team we ran great," Coach Dave Wells said. "I was really shocked that we qualified; I was impressed with our running."

Wells said he is going to give his team a rest before the nationals.

"We will back off our training for a couple of days and relax, then intensify our efforts," Wells said, adding that the team is going for broke in the race.

"This is our last meet, we can't go any farther," he said. "We'll give it the best we can."

Wells said he is giving his runners a rest because he wants them all healthy and rested for the meet.

"We're on the verge of falling apart with injuries," he said. "They accumulate over the season with everyone. That's one reason we'll rest and recover before nationals."

## Women run to nationals

Leading the team this week and all season were freshmen Claudia Bergsohn in 10th and Sheila Maskovich in 17th.

"Claudia is a big meet runner," Wells said. "In the conference meet (last week) she gave a good effort, and she just gets better and better each week. It seems the more the pressure the better she runs."

There will be plenty of pressure in Seattle on Nov. 15, when the 'Jacks compete in their first national meet. Wells said he isn't sure what to expect but is staying optimistic.

"The girls ran significantly better than last week," he said, "and we were able to close the gap between us and Hayward and Sacramento State (who were first and second in the GSC and the regionals)."

The long drive to Long Beach is also a factor in making his runners tired, Wells said.

Wells, a first-year coach on the college level after a year of coaching junior college, has led the team back from some tough luck early in the season when the team van rolled over near Chico, injuring several runners and putting Wells in the hospital for more than a week.

Delores Adame, one of the runners injured in the accident, finished third for HSU in 21st place, with Shane Felix and Sandy Waters rounding out the top five in 24th and 29th.

The 5,000 meter race was won by Tertse Kozolwaki of Loyola Marymount in 17:18, less than a minute ahead of Bergsohn.



## Soccer divisions kick up difference

By BOBBI VILLALOBOS  
staff writer

For little kids, soccer is a safe, non-contact sport. They play it with a smaller than regulation soccer ball, and their parents run up and down the sidelines shouting instructions.

College soccer is fast-action competition. Winning is the goal, injury often the result. In the back of the mind is a conference championship.

The difference in skill level of soccer play obviously varies with age, but an attitude difference can be found at similar levels.

John Wilding, a member of the HSU men's soccer team, found a "drastic difference" between the soccer programs of HSU, a Division 2, non-scholarship program, and San Diego State University, a Division 1 powerhouse, where he played for two years.

"At San Diego, soccer was cutthroat. You never knew who would be standing next to you the next day," Wilding said. "Some of the players didn't even speak the language (English). The coach would just say 'good-bye' to players."

Wilding experienced this "backstabbing" attitude when he and four other starters were cut to make room for three foreign players on scholarships.

"San Diego buys players, gives out a lot of money for scholarships. It has a huge draft every year — it's the school for soccer. It has its pick of All-County players in Southern California.

"Playing for HSU is better — no question. There is not as much throat-



JOHN WILDING, member of the men's soccer team, keeps the game under control for the Lumberjacks against St. Mary's. He learned the game in England.

cutting and backstabbing between players and coaches. And besides the attitude difference, it's good to be playing for a coach you like. At San Diego, they don't like the coach. They play to be seen."

Wilding first learned the game in England, where soccer is a national pastime. He spent his sixth-grade year in London when his father was on a teaching sabbatical.

Wilding was an All-County player at Mission Bay High in San Diego, in both soccer and football. After graduation he went to play soccer in a summer program in Guadalajara, Mexico.

He was not recruited to play at San Diego, but attended there, and ended up starting for the Aztecs.

Although soccer is technically a non-contact sport, rough play and injuries are becoming more common.

Wilding was sidelined for four weeks at San Diego State with an ankle injury. He also missed a game for the Lumberjacks.

Wilding blames the American referees this season after breaking a bone in his

wrist during the Chico State Tournament. for the physical style of American play.

"Each country has a different style of play," he said, "but America is unsurpassed for having the most physical game."

"One reason is the referees. In America, they are too lenient and allow physical contact, and it will continue to go on. In England, the referees don't allow deliberate physical contact. (America's leniency) is leading to more injuries and more aggressive play."

"It's a shame the American game had to change."

Wilding, a senior, has finished his athletic eligibility, but giving up soccer is far from his mind.

"That's the one good thing about soccer — you can play it until you're 60 or so. There are all sorts of recreational, coed and Sunday leagues for all ages. In other collegiate sports, an athlete's career ends unless he turns pro."

Wilding is an industrial arts major, and student teaches woodworking at Arcata High School. Besides teaching, he would like someday to coach soccer.

"I guess what would make me quit soccer is if the game got too rough or if I got too lazy. I'll probably play for a long time."

Mary Abbott

## ... X-country

(Continued from page 20)

"We're going to go out with them," Hunt said, referring to Cal Poly SLO. "This is the nationals, we've got nothing to lose."

Conover also believes that the 'Jacks have a shot at the national title, albeit a long one.

"We're gaining on Cal Poly," Conover said. "Everyone's got to run over their heads for us to do it."

"We've got to break up their grouping," he continued, "They have good grouping and good grouping wins national meets."

As for his individual chances Conover feels a little more confident. He has been running 100 miles or more a week since early summer and has run as much as 140 miles a week in preparation for the season.

"Everything I've been doing has been pointing towards the NCAA's," Conover said, "but you can never tell what's going to happen, it may come down to whoever has a good day."

"I've been training through all our meets," he added. "I went down to Berkeley (two weeks ago) to run a fast race to get ready for running a fast race in nationals."

Conover ran a very fast race there, breaking former Olympian Duncan MacDonald's course record by 25 seconds.

He thinks that some of his toughest competition could come from runners he has already beaten, Grimes and Alvarez. Last year Grimes finished eighth in the nationals and Conover eleventh, the only Lumberjacks to win all-american honors last year.

With two potential top-five finishers and two or three other all-american candidates, the Jack's could finally attain the goal that has barely avoided them the last four years, when they finished second three times in division 3.

## Women cagers look ahead

By BILL HENNESEY  
staff writer

In an atmosphere that is relaxed yet enthusiastic, the HSU women's basketball team is dribbling, passing and shooting its way into form in preparation for the season opener Nov. 28.

"So far, the girls have been receptive, eager and willing to commit themselves to a lot of effort and a lot of pain," Coach Diann Laing said in a recent interview.

The lady 'Jacks are small and fairly inexperienced, the coach said.

"We have a lot of things to make up for because we're not a big team in terms of size. We don't have the big player."

The tallest Lumberjack is 5 feet 10 inches tall. Six of the 12 'Jacks are under 5-foot-7.

"We're not going to get a lot of chances on the boards," Laing said. "We're going to have to make good passes, box-out (screening out an opponent for a rebound) and make the easy shots."

"Our size is discouraging for sure. So we'll have to make up for it with quickness

and fundamentals," she added. "The fundamentals will be extremely important."

Only four members of last year's 8-14 team have returned. They are: 5-foot-10 sophomore Vicki Ferris; Nancy Gaines, a 5-6 junior; sophomore Kristi Tubbs, a 5-4 guard; and Cathy Hastings, a 5-5 senior who was eighth in the Golden State Conference in scoring and fifth in steals last season.

"We're a young team. Most of the girls are first- and second-year players," Laing said. "This year is sort of a meshing year, a blending year of the girls learning to play like I'd like to see them play — getting used to me and my system."

HSU will open its 17-game schedule Friday, Nov. 28 in Reno against the University of Nevada at Reno.

Last year, UNR defeated HSU 82-65 in Reno.

The coach said she is really looking forward to the season.

"We're not going to walk on anyone's face, but we won't embarrass ourselves either."

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## 'Jacks' facts



### Volleyball

The women's volleyball team posted victories over Hayward State and San Francisco State last weekend to raise its Golden State Conference record to 7-4.

Friday night the Lumberjacks cruised past Hayward scoring 15-3, 15-3 and 15-8.

HSU had a tougher time of it on Saturday as San Francisco pushed them to five games. The Lumberjacks won the first two games 15-7 and 15-12 before falling 11-15 and 6-15. They recovered to capture the final game 15-11.

Strongside hitter Allison Childs and backcourt player Becky Immel led HSU to its victories.

The 'Jacks, now 11-4 overall, entertain U.C. Davis Friday night beginning at 7:30 in the East Gym.

### Soccer

Goals by Scott Wiesner and Jim Barrow gave the HSU men's soccer team a 2-1 win against Sacramento State and a second place finish in the Far Western Conference standings.

The Lumberjacks led at the half, 1-0, and brought it to 2-0 before Sacramento could score a late goal.

Under first-year head coach Chris Hopper, HSU ended the season with a 4-1-1 conference record. Overall, the Lumberjacks tallied a 9-4-4 record.

### Football

The inability to score when inside the opponent's 20-yard line was once again the reason the Lumberjacks fell 21-15 — this time to Chico State. The 'Jacks' offense was inside the Chico 20 six times (twice inside the 5-yard line) and failed to score. HSU's offense rolled up



KEN DANZ ENDURES the 2.5 mile running trail after swimming 200 meters minutes before.

410 yards and 27 first downs while the defense held Chico to 242 yards and only nine first downs.

Quarterback Bill Plant put the ball in the air 55 times, completing 32 for 316 yards, but was intercepted three times. Steve Finley, Lumberjack tight end, caught 12 passes for 140 yards in the losing cause. Kerry Bonner was held to seven yards rushing in 19 carries.

The 'Jacks will play their final home game of the season Saturday against Hayward State. Kickoff time is 7:30 p.m. at Albee Stadium, Eureka.

### X-Country

The men's and women's cross country teams qualified for their respective national meets last weekend in regional races.

The men were led by Mark Conover and Dan Grimes and the women by Claudia Bergsahn and Sheila Maskovich. For details, see stories on the front page of the sports section.



HUBY WANG CRUISES the 10-mile bike course in the final event of the HSU triathlon held Saturday.

### Intramurals

The first HSU triathlon was held last weekend and over 50 people swam, ran and biked their way through the event.

Although official results and times were not immediately available, Greg Balbierz was declared the men's winner after the first finisher was disqualified for not passing a checkpoint in the bicycling part of the competition.

Jane Wooton won the women's race, about 10 minutes behind Balbierz.

### Ultimate Frisbee

The Humboldt Buds Ultimate Frisbee team will compete in regional play this weekend in Santa Cruz against 16 teams from six western states.

The Buds qualified for this competition by placing in the sectional tournament in Salem, Ore., last month.

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LV San Francisco	9:30 AM	1:15 PM	10:00 PM	1:30 AM (Mon.)
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**HAPPY ONE-WEEK LATE ANNIVERSARY!** I may be off schedule Mrs. Seberg, but I am completely honest and sincere!

**I WILL TAKE YOU OUT TO DINNER** if you find my warm short reversible tan jacket, with zipper on sleeve. Autumn days are cold and so am I. PLEASE, SARA, 839-4267.

**KIDDIE** What's a womb without its fellow ovary? I'm glad I'm not an OSI-WAN-KANOSE, but I think I've lost my — EQM.

**WOODY ALLEN FANS**, the show sure threw me but I love going out with you on heavy dates and spaghetti sauce makes it so much fun. Love you and will never lose you both. Delete file — Execute.

**POOPSIE** You'll get your just desserts; I'll make you a banana split. Does chocolate sauce stain sheets? Incredibly edible...

**BABYCAKES** You little alliterate. All I want is my baby's arm holding the forbidden fruit and an autographed (by the U.S. treasurer) picture of Ulysses S. Grant. — Poopsie.

**JULES** All the way down from the Gene on the good ole' gray dog. What a long trip! We're sure glad that you finally made it. Do fig newtons ring a bell? How about the Angelina inn or an endless, obnoxious, buzzing noise coming from the general direction of a certain Fairview apartment? Karl and I have missed ya lots...Welcome back!! Love Kel.

**BETTE** (also known as MOM) **HAPPY BIRTHDAY!!!!** Sure glad you decided to play hooky and come on up to the "SOLDY." Glad you two are here. Love ya, Kel.

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# Clausen beats Bork second time

By ED BEEBOUT  
community editor

Incumbent Republican Don Clausen retained possession of the 2nd District Congressional seat despite the heated campaign waged by Democratic challenger Norma Bork.

Clausen captured 139,835 2nd District votes (which includes Humboldt, Del Norte, Mendocino, Lake, Napa and Sonoma Counties) for 55 percent of the total. Bork received 108,423 votes for a 42 percent total. Daniel Mosier and Linda Wren, Libertarian and Peace and Freedom candidates respectively, captured the remaining 3 percent of the vote total.

Bork, who gave Clausen his closest congressional race in 1978, instead was defeated by a wider margin than in her first attempt to unseat the 18-year representative.

Clausen, in a post-election telephone interview from his Santa Rosa victory celebration, said he was not surprised by the outcome.



"I was anticipating an improvement in our percentages over the last election," Clausen said. "I saw the momentum building — the meetings I've held in the district have had much larger and enthusiastic gatherings than those, for instance, in 1978."

Clausen, who was the subject of campaign charges by Bork linking him with special interest lobbying groups and the questionable use of federal funds, cited his campaign strategy as a factor in his re-

election.

"I'm convinced we were on the right side by conducting a positive campaign rather than a negative campaign," he said.

Bork was unavailable for comment, but Robin Hashem, Bork's campaign coordinator for Humboldt and Del Norte Counties, gave some possible reasons for her candidate's defeat.

"I think one of the major contributions (to her defeat) was the national political trend which heavily favored the Republican candidates," she said.

"Also, we were again out-spent by quite a bit. For instance, there were at least four Clausen mailers within just the last weekend."

Hashem noted that Clausen had recently received support from independent sources.

"There was a lot of emphasis from outsiders. For instance, one mailer was recently sent without Clausen's knowledge by the National Realtors Association which only endorsed him and three other candidates nationwide," she said.

Hashem did not know if Bork was con-

sidering a third attempt at the congressional seat in 1982.

In the 2nd District Assembly race, which was marked by low-keyed campaigning, incumbent Democrat Douglas Bosco easily defeated Republican challenger Jim Potts. In Humboldt County totals, Bosco captured 67.2 percent of the votes while Potts finished far behind with 25.7 percent of the total.

## Cranston re-elected

(Continued from front page)

percent, Anderson-11.18 percent and other candidates-4.3 percent.

Reagan, 69, will be inaugurated Jan. 20. He is the oldest president ever elected.

Reagan's victory appeared to affect the congressional and legislative races.

For the first time in 25 years, the Republican Party will hold the majority in the U.S. Senate.

GOP challengers ousted Sen. George McGovern (D-S.D.), Birch Bayh (D-Ind.), Frank Church (D-Idaho), Warren Magnuson (D-Wash.) and John Culver (Iowa).

Democrat Alan Cranston defeated Republican Paul Gann by 22 percent in the U.S. Senate race in California.

Cranston won his third term in office, the first California senator in 50 years to do so.

"All I wanted was a victory," Cranston said. "I'm going to miss Jimmy Carter and I'm going to miss many of my friends in the Senate, but I will be carrying the banner of the cause that brings us together in the Democratic Party and in politics regardless of party."

Democrats retained control of the House of Representatives by a slim margin. They won the 218 seats required out of 435.

Preliminary estimates in California reported the lowest percentage turnout in a presidential election since 1924.

## How Humboldt County voted

Humboldt County followed the trends for the most part in yesterday's elections, but the maverick North Coast voters occasionally varied from the norm.

The biggest surprise was the county's vote on Proposition 8, the measure designed to protect North Coast rivers and the Sacramento-San Joaquin delta if the peripheral canal is built.

While the rest of the state approved the measure by a 51 percent to 49 percent margin, Humboldt County voted against the proposal 55 percent to 45 percent.

In the presidential race, local voters

tended to follow the lead of the rest of the country, going for Ronald Reagan with over 49 percent of the vote to Jimmy Carter's 35 percent. The county gave John Anderson 11 percent of the total vote, compared to a nationwide total of 6 percent.

Democrat Alan Cranston received 58 percent of the local vote in his successful bid for re-election to the U.S. Senate, and Congressman Don Clausen cornered 52 percent in his defeat of challenger Norma Bork.

Two-thirds of Humboldt County's voters

backed Democrat Assemblyman Doug Bosco, also a district trend.

With the exception of Proposition 8 and the parklands acquisition proposition, Proposition 1, voters in Humboldt County agreed with the rest of the state on the propositions.

Humboldt voters cast an overwhelming "no" vote against Proposition 1, blasting it with 66 percent against. The outcome was too close to call at press time, with the measure leading by less than 4,000 out of nearly 2½ million votes cast statewide.

Propositions 3, 4, 5, and 10 were defeated, while 6, 7, 9, and 11 passed.

## Speakers discuss energy risks, solutions

(Continued from front page)

Roger Bourke, manager of Systems Analysis at the Jet Propulsion Laboratory of the California Institute of Technology in Pasadena, said that in the United States, solar devices, including those using wind, ocean thermal energy conversion and photovoltaics, are feasible but inconvenient.

Bourke said the safest way to get electricity is to put a generator on a bicycle and "pedal like hell," but that pedal power won't produce much energy.

People must be willing to take risks if they want to continue to live at the present rate of energy consumption, he said, citing the national security risk associated with

oil as an example.

James Sweeney, director of the Energy Modeling Forum at Stanford University, said regional rivalries in the Middle East put the United States in a "dangerous position."

Because of international treaties, the United States will have to share available oil with its allies, whose problems "will become our own," he said.

The need for oil increases as the supply decreases, which "gives the Soviet Union the opportunity to control the world supply of oil."

Sweeney said at the press conference that "no nukes means more coal."

Richard Schmidt, a private energy

resources consultant in Oakland and speaking in favor of synthetic fuels, said the United States is to blame for its energy problems.

The importation of oil and gas is a "drain on the economy," he said, whereas "money spent on (energy) production at home is recycled."

The United States made itself vulnerable to a price increase by relying on "cheap" petroleum from overseas and not developing low-cost energy such as natural gas, Schmidt said.

He also said the priority for fuel efficiency is low, evident by the manufacture of gas-guzzling automobiles.

Energy consumption increased 4 percent a year from 1960 to 1983, Schmidt said. The economy was also said to increase 4 percent, disguising the real cost of energy.

"The energy problem facing the nation is acute in California," he said. Although it is the fourth largest oil-producing state in the nation, 41 percent of its energy is imported.

Moderator Miro Todorovich of the National Legal Center for the Public Interest, Inc. in Washington, D.C., and co-founder of the Scientists and Engineers for Secure Energy, said "We (technologists) are trying to do something good."



DR. NE'EMAN, OF THE ISRAELI ATOMIC ENERGY COMMISSION, and Dr. Sweeney, from Stanford Univer-

sity, were two of the distinguished guests at the Energy Symposium last Wednesday.



THOMAS PASSELL PRESENTS HIS PRO-NUCLEAR VIEWPOINT to a

predominantly "no nuke" audience. Alexander Glass (right) reviews his notes.