Swimming the cold, blue depths
Minor changes

Cal Poly is unknowingly placing their graduates at a disadvantage. In a tight job market—where the more specialized and better educated people are hired—the university refuses to offer minors as a compliment to major programs.

Minor program's time has come.

Ben Jose State University has long had an extensive program for students who would like to prove their knowledge in a particular degree concentration. This means someone studying wildlife zoology, who also wished to write about the environment, could take a minor in that degree in order to have the degree concentration. This major would allow the wildlife zoology student to concentrate in that subject while earning a degree in another field.

Instead, a minor program could comfortably fit into elective units allotted most degrees. For example, an environmental biology degree at Cal Poly allows 44 free-electives. A student in that degree could use those credits toward a partial degree in another field. An English major—with 38 free-elective units—could receive a minor in graphics. The overall result is a more educated graduate.

A liberal arts major, who wants to teach, could be accredited in a minor. That makes him the better candidate for a job than another person without extra certification. Employers value those who are the best educated and knowledgeable in different subjects.

Currently, students take classes outside their major whether they receive a degree in that field or not. A minor program would not change that. It would provide recognition of expertise in the minor concentration, rather than exhibiting a slight interest.

Music Department acting Head William Johnson said Wednesday a minor in music would be a document part of their student's education which would lead to better employment opportunities. He said the music department is trying to get a minor program for the next catalog year. In 1981.

One of the main criticisms of a minor program is that the shift in classes students may take is unknown. Dave Grant, associate dean of academic planning, said the administration has not yet determined what effect minors will have. He said courses in some schools may have to be dropped because of decreased enrollment.

But shifts in enrollment for different courses is not the problem. The number of students taking one class or another is directly related to the popularity of the course. Whether the course need to be added or withdrawn should be determined by numbers of students signing for the class.

At first, this will cause some classes to be more crowded that others. But the shift generated are as yet unknown. But eventually, the preferred sections will be obvious and classes can be juggled accordingly. If a particular engineering class, for example, is overcrowded, it has space for, more of those sections should be offered the next quarter.

The student shifts need not be a guessing game. Many of the campuses in the state university system already offer minors. It is a sign of the times, an indication of what students prefer. A campus poll would show how many students might take a particular class. Further, department heads are sure to have a good indication of students' wants.

If possible, a minor program should be approved for the 1980 academic year so that students graduating next summer could begin taking classes. An English major, for example, should be available for the 1981 catalog. The program could make the difference between getting a job or continuing the search.

A resign of the times

In Washington circles of politicians and government employees it is fashionable to be trusted with a prominent position of power and then without a moment's notice, hand in a letter of resignation that transforms our nation into a question rather than the answer.

With our economy failing, our energy running out, and our confidence in the federal government reaching all-time low, resigning from a government job is like indicating to the American people that it is time to change tactics.

What do resignations mean? It could mean that the pay of government is not high enough to match the spiraling economy. It could mean Carter is showing his strength as a president or it could mean that the government employees cannot handle the political pressure of a job.

Are our leaders losing faith in a system that they helped direct? Or are they giving up the ship because the mutiny is bound to happen? Whatever the problems, the government can either throw in the towel and give up to a wave of government indecision or we can stand by our guns, so to speak, and demand direction, production and hope for our country.

Correction

The picture that appeared in last week's Summer Mustang of the Cal Poly Fire Department's new fire truck was taken by fireman Danny D'Oy not Ray Acevedo as the photo credit stated.
Poly ag films a national best seller

PAULA EBDAL
Summer Mustang

Poly has a corner on the film industry, through images of nature's bounty and the personalities who do not apply to this line.

In the basement of the Business and Administration Building a small group of people are putting together films and other audiovisual material, making "Cal Poly" the leading non-profit producer of instructional material for agriculture. So states the material put out by University Extension Production (VEP), the producer of the agricultural aids for more than two decades.

Salome Apodaca, Director of VEP service, calls their work "a small operation." But they made $320,000 worth of sales the year before last. No current figures are available.

Sales are made in California, throughout the nation, and foreign countries in a license system. According to Apodaca, their videos and films have been sold in Australia, England, Thailand, Africa and Turkey.

Sales go into production of more films and materials, Apodaca said. While in the federal and state money has been used along with Cal Poly Foundation funds, Apodaca said VEP is trying to become independent funded.

"We're close to 100 percent self-supporting now," said Apodaca, who started as an art teacher at a Texas high school. Later, Apodaca made vocational materials in Guatemala for two years.

The agricultural material VEP makes go mainly to high schools—33 percent of them in California. Apodaca said high school teachers often use VEP on other subjects to get 'for their field studies.

To make themselves known, VEP advertises in agricultural magazines and publishes a mailing of their materials. Complete with the mailing is a list of materials. Among the big hits for 1976 were "Cross Seed Identification," "Fruits of the Former," and "Business of Bees."

Very few people get to see a project all the way through, so it's very rewarding," said Apodaca about his job. He said four other full-time professionals as well as student workers see production work through the stages of script to the public on a personal level.

CIVILIAN

Cal Poly coach fights dismissal

GRIGORI ROBIN

Cal Poly Football Coach John Ciriello filed a notice of grievance on June 29 in stating Dale Andrews, Director of Football, plans to terminate the coach's duties from the way in which he was relieved.

Ciriello, assistant basketball coach Tom Woods will be given letters of appointment for partial years of the 1979-80 school year, according to Andrews.

Money saved by dismissing Ciriello and Woods is the result of post-proposition 13 cutbacks. The Department of Human Development and Education had to reduce faculty by 13 positions.

Ciriello said Andrews sighted a section of the university's grievance procedures and then commented "an athletic coach doesn't have the right to subsequent employment by virtue of having one or more prior appointments."

Dale Andrews was not available for comment, but Director of Athletics Don Shelton said, it would not be proper to make comments to the public on a personal action that is pending.

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Student takes the long road to director's chair

BY LOREN SCHNIEDERMAN
SUMMER WRITER

A Cal Poly student will put her own and theater knowledge through the test of directing in the director's chair, and when she supervises the production of "The Percy," by Polish playwright Stanislaw Moniuszko.

Margie Keltey, a senior speech communication major, will direct a three member cast on Aug. 9 at 8 p.m. in Room 313 of Cal Poly's H.P. Davidson Music Center.

The hand-picked cast was chosen after tryouts were held at the beginning of the quarter. The actors for "The Percy" include students Carl Cherry, Greg McConnell and Dave Beis. According to the director, these actors play the parts of party goers who are invited to a house and find that there is no party, only a non-murder.

Margie said that the one-act play is "a definite comedy." She has been working with the cast and stage crew for four weeks refining the play, which she says takes about 45 minutes long. Margie said that she is looking forward to the production.

The theater is not new for Margie. She said that she has been entertaining people since she was a 10-year-old piano player in her home town of Houston. Her stage career did not begin until she was in high school. In 1974, Margie played in the high school production of "Oliver," where she was the lead dancer without any speaking part.

Shakespeare's "A Midsummer's Night Dream" was the scene for Margie's first taking role. She played the part of "Puck" and won the school's Thespian Society award for "best actress". Margie said that the Thespian award sparked her interest and made her work harder in theater.

During the summer of 1978, Margie worked as a member of the California Puppet Theater that produced "Jack and the Beanstalk that Conquered the World," and "Out to Lunch," both puppet productions. Margie worked in the ticket box office and as a member of the sound crew, which she said rounded out her experiences with the theater.

Colt class bucks orthodox learning

BY JACK BRADFORD

When talking in someone who has been to college there will always be one or two classes that stand out more than others.

For agricultural and animal science students the class they most remember is Animal Science 434, Horse Enterprise.

According to Roger Hunt, who is teaching the class this quarter, the main reason it makes such an impression is that it is a learn by doing class.

Students learn by teaching and working with young horses.

More commonly referred to as Beginning Colt Class, it is a learning program for young horses as well as students.

Although the word colt means a young male horse, it is used loosely to mean any two or three year old horse, Hunt said.

The colt, furnished by the school, the neighboring rancher or the student, is taught a variety of skills that are needed for general ranch work.

Most of the things they are taught are how to walk, trot, and canter with the weight of a rider, how to cross a stream of water, how to drag a bale of hay and load and unload a rope swung from them and to load and haul in a trailer.

Usually the only previous training these horses have had is to be broke, and they are sometimes a bit jumpy, Hunt said.

Hunt refers to the class as a psyching out—or gentling down process—for the horse.

Most of the class is held on campus at the horse barns and in the hills surrounding the campus. One or two trips are made to the beach. Last quarter a trail-riding trip was taken in the Sierras.

The class is a lot of fun according to Hunt, but there is a certain amount of danger when working with untrained young horses.

"To tell you the truth I broke my leg when a horse fell with me when I took the class," Hunt admitted.

It is requested that students have prerequisite classes in horse handling, but not all do.

"We get some real greenhorns sometimes," Hunt said.

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This quarter there are 24 students in the class. Hunt would like to see it kept at 12 because there are not enough stalls to conveniently house more horses.

The class is usually offered in the fall and spring but was not offered this quarter because Hunt was available to teach it.
Poly student studying Jerry Brown's personality

BY GREG ADAMSON
Summer Staff Writer

Herb Nelson wants to find out what makes Jerry Brown
run.

Nelson, a Poly political science major, is writing something he calls a
"psycho-dynamic" profile of Gov. Brown's personality. A psycho-dynamic profile is
an examination of a person's psychology and political science. The
research will come from books and articles on Brown and a wide range of materials
on political thought, said Nelson.

"I picked Jerry Brown because Jerry Brown can represent us in terms of our
wishes—internal constraints," said Nelson, a 30-year-old senior.

"The reasoning behind this is much deeper than just
'who is Jerry Brown?',' said Nelson. "Brown's election
and method of campaigning is indicative of a
deeper problem of the
American public."

"I think the problem is the
materialistic, divided
society we live in," said Nelson.
"One cannot talk about the
unfortunate," said Nelson.
Nelson defines Brown as a
positive force in our society.
He said that
Brown, like other politicians,
is trying to survive.
"Jerry Brown could be
president. It's possible," Nelson said.
Nelson said he could envision Brown as a good
president or a demagogue.
"I'm not going to take a
partisan side," said Nelson.
Nelson said his criteria would
be anything that indicates
Brown's positive or negative
feelings, not exclusively
political ideology.

Nelson is writing the report for Dr. David
Georges' Political Science
470, Special Problems.

Georges said, "The
combination of psychology
and political science is a field
in which I have a special
interest."

He said the field represents
an attempt to explain political
behavior from research that
has been done on political
figures.

There is much material on
Richard Nixon, said Georges,
but comparatively little on
Brown.

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BROWN PSYCHE—Gov. Brown is the subject
of a research project by Herb Nelson, a Cal Poly
political science major.

BROWN PSYCHS—Gov. Brown is the subject
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listen to?

DRAWING TO BE HELD
AUGUST 6

We can't afford to waste it.
Students win design awards

Two original designs for a trash collection vehicle that picks up and stores recyclable materials have resulted in $1,750 in cash awards for two Cal Poly engineering students.

Tommaso Jonna and Bryan Kudelski won $1,500 and $1,250 respectively for their entries. In the statewide engineering design competition sponsored by the State Solid Waste Management Board and the Office of Appropriations Technology, the contest was open to engineering students at California universities and colleges.

Jonna, the first place winner, is a senior majoring in both mechanical and aerospace aeronautical engineering. Kudelski, who tied for second place, is a senior mechanical engineering major.

The students had to design a "recycling collection vehicle" that would collect and store both non-recyclable refuse and hazardous recyclable materials (cans, bottles and newspapers). Several cities around the state have implemented programs that use separate vehicles to collect refuse and recyclables. By designing a truck to simultaneously pick up both types of material, a substantial savings would be a possibility.

Jonna's first place design was "innovative and imaginative, combining a completely new concept in compaction and waste placement," the judge said. It has a novel side-feeding mechanism for storing the recyclables and would be adaptable to any channel.

Kudelski's second place design was a "simple "non-aesthetic" approach to simultaneous collection," the judge said. It includes an add-on hopper to be installed on an existing vehicle.

Strike it Rich at CALIFORNIA COLDRUSH with frozen yogurt flavored with fresh fruit or a fresh fruit salad.

In The Network featuring BURNARDO'S ice cream.

NEW HOME—The Cal Poly Business and Administration and Education Building has become the orphan home of this Bemij area alike. It has been residing in Room Five for two weeks and has been adopted by secretaries of the building. Its owner is still being sought.

August Engineering Graduates

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Poly swimmer takes the long way

BY GRIBB SROBIN

Sue Helm, Poly swimmer,

Sue Helm spends a lot of time in the water, but she
doesn't need a boat or the
depth paddle. She is a
marathon swimmer and just
won her first ten mile swim
she has ever entered.

The Tosh Miller National
AAU Marathon Long
Distance Swim Cham-
pionship July 31 started at
the Huntington Beach Pier
and finished at the Salt
Beach Pier. She completed
it in 3:33:00 winning the
women's division and
placing in fifth place over all.
Her ocean swim coach, Mark
Johnson, was with her all the
way on his long board giving
her fresh water and en-
couragement.

"She handled the waves
real well," said Johnson, Cal
Poly's water polo coach.
"It's like talking a
marathon. It takes a lot of
encouragement. She was real
confident and we worked
well together. My job was to
feed her, give her en-
couragement andUEr. I had
a little experience with that."

Johnson's ocean swim
experience comes in handy
even before Sue was in the
water.

"I saw a little rip tide
going out near the pier so we
used the rip tide and she
got cut into the open ocean
in second place," he said.

Now, who will graduate
with a degree in child
development in December
said Johnson made the swim
enjoyable.

"We'd fall off the board
and I'd sprain ankle. It
would help me fight
boredom. I'd also vary my
speed every once in a while
and count my strokes. It's a
long time in the water but
after a while you get in a
rhythm," he explained.

But by no means a
stranger to the water, having
put in many hours swimming
for Cal Poly's swim team.
She was also one of those
responsible for getting the
women's team started here a
couple of years ago.

After spending many
hours working out in the
pool, it wasn't until recently
that she started ocean
swimming.

"I did my first oean race a
year ago," she said. "I only
went in the ocean a year and a
half ago. I used to be scared
to death of the ocean. I
almost drowned when I was
five from an undertow."

Now Sue swims at Avila
on workouts with Johnson.
She swam around Avila rock
while Johnson paddled next
to her on his board. Once
they went all the way to the
breakwater where the water
temperature drops dramatically.

"We had to get picked up
by a fishing boat," she said.
"This lady on the boat said,
'You wouldn't be swimming
here if you knew what was in
the water.' (sharks), but they
don't attack. I kind of figure
you drive a car and your
chances of accidents are the
same.

"I do worry about them
and I have help too, but God,
you can't live in fear. The
rooms are well supervised with
boats and the shark attacks
are like eight a year."

She has competed in five
ocean swims and won four of
them. Her next will be the
Santa Cruz Pier Swim. This
swim as well as three of the
others is one mile.

"I don't expect to do like
this every time, but if I do, it
is a bonus."

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