The popularity of Cal Poly's programs is a strain on some of the university's deans and administrators. Dean George Hasslein of Architecture and Environmental Design, for example, reflects the quiet frustration of many who simply don't have enough room.

"Morally we should grow, but practically, we can't," Hasslein said in a fax rare among the country's academicians but common among the deans of Cal Poly's most popular programs.

Hasslein's school is the largest of its kind in the United States and there are only a few other architecture and environmental design schools in the entire state. There are 1,500 students in his school matriculating at Cal Poly but Hasslein must refuse admission to that many applicants every year. He has room for only 400 new students each term.

Please see page 4

Memo: Improve research at Cal Poly

BY ANGELA VENGEL
Staff Writer
It's seemingly impossible to push back the effects of arthritis and pulmonary emphysema, according to two Cal Poly organic chemists.

But Jan Simek and Michael Silvestri say there is a possibility of stopping further development of such diseases.

"We are presently trying to synthesize a molecule that will inhibit the action of an enzyme. Elastase, which destroys elastic tissue," said Silvestri.

"Pulmonary emphysema and arthritis are caused by a breakdown in elastic tissue," he added.

Elastin, the compound which Simek and Silvestri are attempting to synthesize, inhibits the formation of the enzyme Elastase.

"We are attempting to design a process where we can economically build the more complex molecules and build the more complex ones," said Silvestri.

Although the project is still in its infancy, the professors aren't too far from realizing partial success, according to Simek.

One Cal Poly masters student, Brooke Phister-Hall, is working on a model to test the chemicals which are starting to work, according to Simek.

So far it has," said Simek.

Simek's Chemistry 541 class is making the chemicals which are starting material for the synthesis.

Starting costs for the project were covered by a $1,000 grant from the School of Science and mathematics dean's overhead research account. Simek and Silvestri are now looking for money from outside sources.

"We get little bits here and there. The department has been very generous," said Simek.

"We picked this research project partly because it didn't require a lot of expensive equipment. We had to pick something that could be done at Cal Poly. We're both organic chemists and we're interested in the synthesis of natural products," he said.

The two organic chemists don't know of any others working on a project of this type. But, they said, most chemists are very secretive about their work.

"It's definitely successful ... that's optimism. If we didn't think that this would work we wouldn't try it," said Simek.

Please see page 4

Dog shot for chasing sheep

BY MIKE TRACHOTIS
Staff Writer
A Golden Retriever dog that was "attacking and worrying" sheep in a Cal Poly pasture was shot and killed Monday afternoon by an unidentified student, according to a campus police spokeswoman.

Pauline Hardy of the university police said the dog, which was running free in a pasture near the Cal Poly airstrip, could not be brought under control by its owner, student Hillary Boyles.

A student and Dr. Edward Henry, a veterinary science professor, saw Boyles chasing her dog, said Hardy who added that the student fetched a gun when the dog remained out of control.

"The dog was chasing a ewe and pinned it against a fence and knocked it down," she said.

At this point the student and Henry gave Boyles another chance to catch the dog, but she was unsuccessful. The student, following the advice of Henry, then shot the dog, Hardy said.

After the first shot "the dog was still alive, so Dr. Henry determined that the dog should be shot again because of the nature of the initial wound," said Hardy.

Senior Paul O'Donnell, who said he witnessed the event, said: "The dog was running the sheep, but it never touched any of them. It was sick."
Saudis cut relations with Libya

RIYADH, Saudi Arabia (AP) — Saudi Arabia severed diplomatic relations with Libya on Tuesday in a dispute between the oil-producing giants over the Saudis' acceptance of four special American radar planes to monitor the Iraqi-Iran war.

Exxon Corp., which receives oil from both Arab countries, said in New York that neither nation had advised it of any changes in the oil company's operations as a result of the rift.

A statement broadcast by the Saudi state radio said the decision was taken by the Saudi state to the Moslem faith itself. "We cannot tolerate. We cannot exceed all limits, extending to the holy places in Mecca, Islam's holiest city, and called for a holy war to liberate them.

A statement carried by Radio Riyadh said: "This could no longer be tolerated. We cannot re-.

While cutting off relations with the Libyan regime, Saudi Arabia would like to maintain "brotherly relations between the Saudi and Libi.

On Oct. 19, Libyan leader Col. Mouammar

Kadhafi, who supports Iran in the war, charged that the presence of the U.S. planes desecrated Moslem holy places in Mecc.

Kadhafi was not allowed to enter Mecca, Kadhafi argued that his holy places had been desecrated because the airborne warning and control system planes — called AWACS — were piloted by Americans that the holy places had been desecrated because the airborne warning and control system planes — called AWACS — were piloted by Americans.

The recent swirl of rumors and speculation about a possible release of the hostages has fueled a substantial public expecta.

None of the battle claims could be independently confirmed.

Saudis cut relations with Libya

NEW YORK (AP) — The growing anticipation of Americans that U.S. hostages held in Iran will soon be released has not raised the public's judge.

The hostage issue has, in fact, become more enangl.

Poll sees hostages free soon

While cutting off relations with the Libyan regime, Saudi Arabia would like to maintain "brotherly relations between the Saudi and Libi.

On Oct. 19, Libyan leader Col. Mouammar

Kadhafi, who supports Iran in the war, charged that the presence of the U.S. planes desecrated Moslem holy places in Mecc.

Kadhafi was not allowed to enter Mecca, Kadhafi argued that his holy places had been desecrated because the airborne warning and control system planes — called AWACS — were piloted by Americans that the holy places had been desecrated because the airborne warning and control system planes — called AWACS — were piloted by Americans.

The recent swirl of rumors and speculation about a possible release of the hostages has fueled a substantial public expecta.

None of the battle claims could be independently confirmed.

Koi & Aquarium Supplies

Reptiles • Pets

10% OFF
to Poly Students

with current quad.

Kokin's 9 Santa Rosa 543-9593

Auto Haus

SPECIALISTS IN GERMAN CAR REPAIR

395 Sather Rose Street, San Luis Obispo, CA 93401

+ 541-6473 *

24 hr.

Film Processing

Kokin's 9 Santa Rosa 543-9593

For Fine Dining

Any Night of the Week

come to THE STUFFED OLIVE

COFFEE SHOP

Featuring Homemade Onion Rings

open 7 days a week (7 am - 11 pm)

1000 OLIVE ST, SAN LUIS OBISPO 544-2100

Graduates...TOP IT ALL OFF with ATARI

Treat yourself to a

many-flavored career in

ENGINEERING & MICROPROGRAMMING

with ATARI, the most advanced and imaginative technological environment available.

ATARI offers you research in salaries and benefits that are quite exceptional and includes matching Employee Savings plans, Disability, Dental insurance, a 401(k), paid sick leave offess, 6 months continuous service with ATARI.

On Campus Interviews

Monday, November 10

The new HP-41C from Hewlett-Packard is a powerful programmable calculator that features: an LCD display with alphanumeric capability, 63 registers of data storage or up to 400 lines of program memory—expandable to 319 registers or up to 2,000 program lines; up to 8 levels of subroutines; 10 conditions and 96 internal flags; specific loop control; indirect addressing; local and global branching; Continuous Memory; RPN logic.

And when you need them: Memory Modules—plug-in modules for storing programs and data; an "extra smart" Card Reader; a Printer that prints upper and lower case alpha plus special characters and does high resolution plotting: the Wand to input programs in algebraic form (available early 1981); Application Programs—preprogrammed, plug-in modules that give solutions to a wide range of problems. The HP-41C lets you reassign any standard function, any programs you've written, or programs provided in the Application Modules—to any keyboard location you want. And of course Hewlett-Packard backs the HP-41C with total software support including an Owner's Manual and thousands of programs in the HP-41C Applications Pack, Solutions Books, and the HP User's Library.

Committee urges faculty to do more researching

From page 1

Dingus said about 120 faculty members reacted to the memorandum since it was distributed at the beginning of fall quarter:

"The reactions were very supportive of the document," the committee chairman said.

There was little criticism of the report as a whole, he said, but there was criticism on specific proposals listed in the memorandum.

For example, Dingus said, faculty were critical of a suggestion that future buildings on campus should include more lecture halls that can accommodate 120 students or more. Larger classes, the chairman explained, means fewer professors would be needed to teach a course and faculty would have more time to involve themselves in professional activities.

Faculty members responded that larger classes might not be desirable.

Don't Cut Long Hair. PERM IT.

Blue Dove Beauty Salon

(Prices subject to change)

Blue Dove Beauty Salon

(For an appointment)

544-1213

744 Palm St.
San Luis Obispo

Dove

Blue

Don't Cut Long Hair. PERM IT.

Blue Dove Beauty Salon

(For an appointment)

544-1213

744 Palm St.
San Luis Obispo

Dove

Blue

Don't Cut Long Hair. PERM IT.

Blue Dove Beauty Salon

(For an appointment)

544-1213

744 Palm St.
San Luis Obispo

Dove

Blue

Don't Cut Long Hair. PERM IT.

Blue Dove Beauty Salon

(For an appointment)

544-1213

744 Palm St.
San Luis Obispo

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue

Dove

Blue
Sensors boon to bike riders

Bicycle riders in San Luis Obispo will soon have an easier time turning traffic lights green.

Starting this afternoon, the city of San Luis Obispo will paint the pavement to mark the stop-light sensors embedded in the road. When a bicyclist rides onto the mark—a bicycle centered on a white line running parallel with traffic—octagonal wire loops will sense the metal in the bicycle and signal the stop-light.

City Traffic Engineer Richard Gordon said the city will test the markings at the intersections of Palm and Mill streets at Santa Rosa Street.

---

' Weird Al' quits KCPR

Yankovic refused to say for the record why he quit the weekly three-hour production.

KCPR program manager Christy Kuehler, said Yankovic quit "because he chose to," and refused further comment.

---

After two years, you kind of wonder who taught whom.

Continue your education after graduation in Peace Corps. Learn a new language, live and work in a different culture overseas as you build your skills in agriculture, architecture, education, math, science or other areas of interest.

Talk to former volunteer Ed Jenks, Room 242, Ag. Mgmt. Bldg. Or, call 546-1320.

---

Classified

Call 546-1144

Lost & Found

LOST: Gold bracelet, original design with large finks. Sen, 9248.

Found necklace 10/23 near EnvE building. Please call and identify 543-7589.

---

Announcements


GAS SATION FOR LEASE

$300 monthly first-time deposit. Run your own business while in school. Will require small working capital. Cuesta Gas ingway 103 North at Cuesta Grade, 543-8075.

MOPEGS-BICYCLES

$5 on any moped tune-up or $10 off any Panasonic 12 speed. Call 544-7221.

Help Wanted

OVEREAS


Services

TYPING

RICHARD & DELIVERY

499-1625

SECRETARIAL SERVICES

We type resumes, learn jobs, senior projects. Call (Wagner) Secretarial Service 544-4182.

Typing very reasonable. Experienced; available evenings. Copy typist, reporter, etc. Engineering & math sympth. Two typewriters. Call Chidick 772-1725 or 526-5191 area.

SECRETARIAL SERVICES

We type resumes, learn part, senior projects. Call Wagner Secretarial Service 544-4182.

TYPING 529-2092

IBM Correcting setographer. 6 Call Marlene after 4:30.

TRANSFERS 5 yrs. prof. exp. Prefer ined tee Francis 526-6603

Cleaning Services Unlimited

BM Correcting Setographer $1 per pg call Sue 544-6326

Expert Jewelry & Watch Repair

Yervant Jewelers 1036 Chorro Downtown SLO.

EXPERT JEWELRY & WATCH REPAIR

PROJECTIONS ETC. 541-2289

SELECTRIC II RESUMES/SH

PROJ., ETC. 541-2289

IBM Correcting Selectric $1 per pg call Lori 544-4236

SECRETARIAL SERVICES

We type resumes, senior projects. Call (Wagner) Secretarial Service 544-4182.

TYPING SERVICES UNLIMITED

-- Call 544-8163.

---

Housing

DEL VALO REALTY

Small Homes, Condos and land please call 544-7113.

238-0330 days.

$125 plus $50 deposit. Ethan

for any Panasonic 12 speed $5 off any moped tune-up or $10

DETAILS AT EL CORRAL BOOKSTORE.

Broad SLO 541-5878.

WILL fallene 541-3367.

---

Opportunities:


electronics • aerospace

electrical • civil

mechanical • software

Responsibilities include design development, test evaluation and operation of Naval missile systems.

---

KODAK FILM

KINKO'S

9 Santa Rosa 543-9593

---

VoIt FILBERGLASS RACQUET

REG. 19.99

VOIT BALLS

REG. 3.75

SPORTS BAG

REG. 10.99

IF BOUGHT SEPARATELY $34.63

---

$ S A V E R

---

On Guard against High Prices!

Come to Graham's for All your Art and Graphic Needs...
Freshman spark early wins
Runners establish team tradition

BY GREGOR ROBIN
Special to the Daily

Two first year runners have secured spots on the women's cross country team, and Coach Lance Harter sees this as the start of a running tradition at the school.

"I think Liz Strangio and Amy Harper have adapted to our team philosophy, and have stepped in and tried to hold their own," said the coach of the conference champs.

"We're attempting to build a tradition here, and these two are certainly a part of it."

Bagspipes

All are welcome to join the Central Coast Highland Society Pipe Band which performs at local events throughout the year. It practices on the third floor of the Presbyterian Church in Long Beach.

Highland Society Pipe Band which performs at the Central Coast Athletic Association Championships at Morro Bay.

With Maggie Keyses finishing first, Strangio second, Janice Kelly third and Harper fourth, Cal Poly demolished Cal State Northridge, and UC Riverside placed second at the Southern California Athletic Association Championships at Moreno Valley.

Coach Harter hopes that the youthful combination can help Cal Poly on the road to the nationals.

Two important reasons behind the success of the No. 8 ranked Cal Poly women's cross country team have been Amy Harper (left) and Liz Strangio. The two freshmen have led an improving team to stay four years.

Amy said she likes the running program at Cal Poly and like Strangio, plans to stay four years.

Coach Harter hopes that the youthful combination can help Cal Poly on the road to the nationals.

`````
Nuclear Energy Forum
Scientists and Engineers for Secure Energy (SESE) has invited distinguished scientists to participate in this forum of views on nuclear energy. No personal fee or pymcnt of any kind has been made to individual speakers expressing their opinions here. The views expressed are those of the scientists. Pacific Gas and Electric Company as a contributor to Scientists and Engineers for Secure Energy, is sponsoring this ad.

DR. FREDERICK SEITZ ON ENERGY INDEPENDENCE.

"Nuclear energy is vital for reducing our dependence on expensive foreign oil."

Dr. Frederick Seitz
President Emeritus
Rockefeller University
Past President
National Academy of Sciences

Formed in 1976, Scientists and Engineers for Secure Energy is a society concerned about incorrect and untrue information being spread by organized groups against nuclear technology. The efforts of these groups are designed to scare, bewilder, and frighten Americans into abandoning a domestically available nuclear resource that's been thoroughly tested and proven over the past thirty years. Nuclear energy has kept the lights on in much of the country during coal strikes, oil embargoes and natural gas shortages. The society does not claim that technologies, including nuclear energy, are free of faults. It also encourages frank and vigorous debates in search of better understanding. The society hopes this series of statements will contribute to the understanding that nuclear energy has the potential to bring enormous benefits to America and the world. It has served us well for a third of a century. The society supports the mustering of our best thoughts—not our worst fears—to continue to utilize this potential wisely and safely.
Don’t license it!

The years of indecision about Diablo Canyon nuclear power plant are leaving a continuing impact on the people of San Luis Obispo and especially at Cal Poly. Graduates leave this university and carry their ideas on the subject all over the world and new students are greeted with a barrage of information as soon as they arrive. The campus community and campus groups solicit the attentions of incoming freshmen during fall quarter and are confronted with many different arguments.

To arrive at a stance on any issue we go through a reasoning process based on the judgments of experts and vocal parties. The Mothers For Peace and Students for Adequate Energy—and from all of these opinions we consolidate from our own frame of reference a point of view we call our own.

There is much confusion about Diablo hitting us from all sides that we become lost in the shuffle. Nobel laureates scream from full-page ads in the Mustang Daily and Telegram Tribune about the safety of nuclear power while other top scientists flame the earthquake hazard of the Hosgri fault and talk of death and destruction in San Luis Obispo county. Opponents of experts leave the average citizen concerned, confused and desperate for some intelligent answers.

However, as evidenced by the seismic hearings held in San Luis Obispo last week, intelligent answers are scarce. The different seismologists, scientists and lawyers for both sides of the Diablo question presented their arguments before the Nuclear Regulatory Commission in hopes of proving their point.

The testimony showed once again that we are not ready for Diablo Canyon. Nuclear technology is not advanced enough and earthquake predictions not reliable enough to license the power plant.

A case in point is an engineering theory entitled the "tau effect," which states that large buildings feel the effects of an earthquake less than small ones. Tau is the Greek letter for time—it refers to the time it takes an earthquake shock wave to move across a building’s foundation.

Scientists have postulated that as an earthquake sends shock waves through the earth a building with rigid foundations—much longer than the shock waves—will "ride out" the quake the way a ship rides ocean waves. PG and E used the tau effect to justify reducing by five percent the earthquake shock the $2 billion power plant will be required to withstand.

But scientists disagree as to what causes the tau effect and to what extent it reduces earthquake shock.

Here we are again, faced with yet another conflict about Diablo Canyon. PG and E and some NRC witnesses want the 6 percent reduction included, but plant opponents feel that what causes the tau effect and to what extent it reduces earthquake shock.

The evidence is not in, the technology is not there. Until the evidence is in, the technology is there, the evidence is not in, the technology is not there, the evidence is not in, the technology is not there, the evidence is not in, the technology is not there.

Moving a hypothesis of a hypothetical Diablo Canyon earthquake.

The evidence is not in, the technology is not there. Until we, as citizens of the United States, receive accurate, proven reports concerning earthquakes and their effect on Diablo Canyon, we should not stand for the licensing—at any power level—of Diablo Canyon.

Barry’s a commoner

BY MIKE CARROLL

in the background were sounds of a cocktail party. Then a male voice said, “Building.

“What?” replied a shocked female voice.

"Carter, Reagan, Anderson," the male voice explained. “All bullshit.”

A moderator broke in: “It’s too bad

"The truth is, we’ve got to break the

Before and after the ad, the radio sta-

Are we looking for scientific evi-

"The truth is, we’ve got to break the

The evidence is not in, the technology is not there. Until we, as citizens of the United States, receive accurate, proven reports concerning earthquakes and their effect on Diablo Canyon, we should not stand for the licensing—at any power level—of Diablo Canyon.

Barry’s a commoner

BY MIKE CARROLL

in the background were sounds of a cocktail party. Then a male voice said, “Building.

“What?” replied a shocked female voice.

"Carter, Reagan, Anderson," the male voice explained. “All bullshit.”

A moderator broke in: “It’s too bad

"The truth is, we’ve got to break the

Before and after the ad, the radio sta-

Are we looking for scientific evi-

"The truth is, we’ve got to break the

The evidence is not in, the technology is not there. Until we, as citizens of the United States, receive accurate, proven reports concerning earthquakes and their effect on Diablo Canyon, we should not stand for the licensing—at any power level—of Diablo Canyon.