

FRIDAY, OCTOBER 19, 1979

## Cancer Research Samuel Receives Award

By BARBARA MILLER

For his contributions in the area of cellular virus control, UCSB Biology Professor Dr. Charles Samuel recently received a Career Development Award from the National Institute of Health.

The awards, given for research contributions which hold promise for advancement in bio-medical science, are presented to several scientists by NIH every five years.

As a research scientist, Samuel received the NIH award through the National Institute of Allergy and Infectious Diseases, a subdivision of NIH, in July of 1979. He called the award an "encouragement to the advancement of understanding biological systems."

Samuel's research deals with an organic mechanism within the cells of the body which inhibits the growth of virus cells. More specifically, it involves the study of the molecule Interferon, produced by the body to stop virus genes from duplicating themselves.

This is the process which allows us to recover from a virus," explained Samuel, "but since only the body produces Interferon, the supply is limited. The challenge is to get more."

Samuel's hopes for his research include continued exploration of Interferon and its possible use as a treatment for virus patients. Experimentally, it has already been used in therapy for cancer victims.

Samuel explained that it has not been determined whether Interferon could act as a vaccine, preventing the growth of virus cells, or as an antibiotic to inhibit further development of the virus. However, "cancer patients who have had treatment with Interferon had a lesser frequency of viral infections than those not receiving the same therapy. This suggests that Interferon may have prophylactic (disease preventing) tendencies," Samuel explained.

Samuel has been at the UCSB Biology Department since 1974. Before coming here, he taught at Duke University's Medical School and prior to that at UC Berkeley.

## Complaints of Excessive Noise Could Force Closure of Bowl

By JESS RAPHAEL

Complaints of excessive noise at the County Bowl, registered by area residents, threaten the possibility of future Bowl concerts.

When the County Bowl was built in the early thirties it featured classical and jazz ensembles. This was very unprofitable compared to the large profit of rock 'n' roll shows. When rock bands began performing at the Bowl, residents of the surrounding area complained about the noise emanating from the concerts.

This prompted the County Board of Supervisors to write a sound limitation into the Bowl's lease. So far, this plan has been violated on seven occasions.

The Sound Plan, by which noise at every concert is monitored by the Environmental Health Agency, levies a fine if the decibel level is too high. The sound level is monitored two ways: in six-minute periods noise cannot exceed 65 decibels, and in 36 seconds noise cannot exceed 72 decibels. These levels are taken from the residential area surrounding the Bowl, and are compared to the sound level one hour before the concert.

On Saturday night, Sept. 22nd, Kenny Loggins' six-minute level hit 66.8 during his encore. Earlier that evening Louise Goffin had

measured 67.5 decibels, also violating the Sound Plan. Since the Loggins' infracton was past 10:00 p.m., the Bowl was fined \$1,000, in addition to the \$300.00 fine for the two infractions alone. During Loggins' Sunday performance, there was one violation, bringing the total fine levied on the Bowl to \$1400.

Diane Kabayashi, who handled the case for the Environmental Health Agency, said she "got phone calls (complaints) at home, so I called the Bowl and told them the concert was too loud. According to the decibel readings, the noise only increased.

Although Sam Scranton,

manager of the Bowl, would not comment because of the delicate state of negotiations between his company, Vision Attractions, and the city, the County Supervisor's office commented on the Bowl's position. Bowl authorities say that on occasion the sound monitor has been placed in positions as close to the Bowl as possible, rather than in a neutral area. If the measurements are taken as such, it would explain violations by such acts as Joni Mitchell and her warm-up group, (four voices with no accompaniment). To this Kobayashi replied that "the Sound Plan says we monitor from the

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## Chile...

(Continued from p.3)

the government capitulated to the reactionary groups, unanimously passing a bill giving the military the power to intrude upon villages, factories, and homes searching for armaments. Palacios called this a "Dress rehearsal for the coup, allowing the military to feel out resistance."

According to Palacios, the pro-soviet communist factor feared the uprising of the people more than the establishment of a fascist military regime. He points out their failure to arm the masses and prepare them for social revolution, even though they knew ahead of time about the coming coup. "Weeks before the Coup," said Palacios, "they traitorously launched the slogan 'No to Civil War'."

Palacios, together with a multitude of Chilean refugees, left the country after the Junte takeover and now resides in France. A philosophy professor and journalist, he was the Chairman of the Philosophy department at the University of Chile.

## Berman

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told what to do by the university," Romstead said. "There has been no opportunity for employees to sit down with their employer and work out a contract. Collective bargaining will change all that."

It has not yet been determined whether student employees will be included in bargaining units. According to Romstead, "The bill is ambiguous concerning students. PERB must decide whether students are working to get an education, or whether their jobs

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# REWARDS

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## Board of Supervisors

# Requests for Three Air Pollution Monitors Tabled

By KAREN CLABEAUX

The Santa Barbara Air Pollution Control District's request for three additional monitor stations was tabled at the Board of Supervisors meeting last Monday until sufficient consideration of the legal issue could be made.

Further review will take place at the next board meeting, where it will be decided whether the county and its special districts or the Public Utilities Commission should be in charge of regulating air pollution.

Over a year ago, the California State Senate passed a bill which turned all county regulatory powers over to the Public Utilities Commission. Santa Barbara county pursued the issue and submitted conditions for the LNG plan, the majority of which were not included.

Several of the conditions submitted were officially, part of the Federal Clean Air Act though some, such as a required annual mobile vehicle inspection, have not yet been enforced. Presently only new vehicles, or those undergoing an ownership change, require an inspection.

The Air Pollution Control District, organized in December of 1973, is a special district whose existence is required by the health and safety code. It is responsible for enforcing air control

regulations throughout the entire Santa Barbara county, and extends three miles off the coast.

Around-the-clock monitoring stations are located in Goleta, Carpinteria, downtown Santa Barbara, Lompoc, and Santa Maria.

There are 12 employees who work for the district, including four inspectors and three engineers. Both the inspectors and the engineers are required to pass a visual emission check training course. Inspectors however, must be re-certified every six months.

"When we deny a permit to operate, the source must either improve their equipment, or appeal to a special hearing board," district director John English stated. "The board covers an average of six to eight cases a month" and either writes an abatement order forcing the source to cease operation until the violation is corrected, or a variance, not to exceed one year, due to circumstances out of the control of the source."

Several UCSB students also work for the district, usually two a quarter. Generally, the students are either engineering or environmental studies majors who aid in data processing and other jobs on a work/share program.

In the past, Santa Barbara has had very few air alert episodes,

only two occurred in 1976. "But we had a first stage alert just late last month", English stated. "The fire didn't really contribute that much to it, it was already recorded before the fire began."

The district is funded mainly by the Environmental Protection Agency and the Coastal Commission. Recently the C.C. awarded a \$16,000 supplemental Coastal Energy Impact Program

grant to the district to allow them to continue comprehensive air monitoring at El Capitan State Beach.

Proposition 13 cutbacks did affect the APCD, but, "You either generate new revenue or don't expand at all," English said, "and we were able to offset some of our loss by increasing the permit fees. "We're pushing for a long range

plan to reduce air pollution in the future. "We want to find out how we can improve it, and at the same time, keep it from deteriorating," said English.

The APCD works to measure and regulate the pollution levels of sources. They conduct checks regularly and require sources to reapply for new permits every three years to ensure that regulations are adhered to.

## Local Church Active in Politics

(Continued from p.7)

there."

Another group in Jackson Mississippi chose to move into a racially integrated area and bought over 20 homes.

"We're not communal," said Braun, "we're not hostile to communes, but we are communities. We like to stay as close together as possible so our kids grow up together, people grow up together. We're not offish, we're not aloof, but we do enjoy community."

In Isla Vista, one elder of the church alone, Reverend Dean Brunner, has purchased four lots within a two-block area, including two duplexes. On one of the vacant lots, Brunner built a small park.

Now in I.V. the Evangelical

Orthodox Church has launched an all out involvement campaign. Sommer is running for the Isla Vista Community Council, and other church members may run in other districts although he denies rumors that the church is running an entire slate. "We have people living in only three districts," he said, "so the most we could run would be three." Two other members of the church have also volunteered to work on the IVCC election committee.

David C. Lewis, a candidate for the Sanitation Board, is also a member of the Evangelical Orthodox Church. Lewis is chief of the waste-water treatment plant in Lompoc. "Because of his expertise, we felt he could be a benefit to the Sanitation Board,"

said Washburn.

Gary McFarland is also a member of the church. He is running for the Goleta Valley Water Board. McFarland is a civil engineer and is considered one of the foremost hydrologists in the county.

"We'd like to put people in where we feel they could serve the community," said Sommer.

Members of the church will also begin attending or continue attending meetings of the IVCC, IVRPD and the Isla Vista Planning Commission. According to Sommer and Washburn, Dan Braun, son of Bishop Braun and a law and society major at UCSB is to begin attending meetings of the Police Commission with the hope that he may become an appointed member. "He hasn't started yet," said Washburn, "we've recommended that he start."

Anne Olson is the editor of a new news magazine about to start in I.V. Washburn gave Olson a list of 20 names of church members who might be interested in writing for her paper.

Park District Director Carmen Lodise made a comment at a Park District meeting to the effect that the Christians in Isla Vista organize every few years.

Referring to Lodise's remark, Isla Vista Public Information Officer Renee Rickman said, "As a Christian, I resent that because it makes it sound like all Christians are against Tipi Village."

Lodise later added, "Maybe just calling them Christians is a bad rap to all Christians."

Especially in recent years, there has been a tendency to overreact against religious groups. But as a religious group, the Evangelical Orthodox Church is not that far from the norm. Their beliefs are simply another rearrangement of priorities in basic Christian doctrines. Even as a political group, the church could hardly be called

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## Bowl...

surrounding residential areas, so that's what we've been doing."

Carol Hawkins, Supervisor Yager's assistant, said that "after every concert the same three to four people call (to complain) no matter who was playing or if they were in violation of the Sound Plan."

The groups who have violated the Sound Plan are America, (the loudest at 10.5 decibels over the limit during a 36-second period, and 12.8 decibels over the limit during a six-minute period), Joni Mitchell, The Persuasions, (Mitchell's back-up), Larry Carlton, (the back-up for Al Jarreau), Marshall Tucker, Kenny Loggins, and his back-up Louise Goffin.

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