

Scientific Research

by Brad Pokorny

It is unusual for undergraduate students to do original scientific research. Relatively few schools around the nation have the facilities, the faculty, or the desire to encourage their students to get into the laboratory and try to make discoveries.

At Evergreen, there are several ongoing faculty projects that allow students to enter the lab, work on basic research, and, perhaps, originate work of their own. Three projects stand out: Betty Kutter and Burt Guttman's work in molecular biology, Richard Cellarius and Jeff Kelly's work in photosynthesis, and Mike Beug and Steve Herman's work in environmental studies. All of these faculty members have students work with them on their grants, and all have helped students write their own -- with excellent success. Guttman said that students at Evergreen manage to get more S.O.S. - Student Originated Study - grants than do a proportional number of students at any other college in the country.

Bacteriophage T - 4

Under an electron microscope it looks somewhat like the lunar lander. T-4 bacteriophage are viruses that attack bacteria, specifically the E. Coli bacteria. These mechanistic viruses land on E. Coli and inject a thin thread of DNA, the molecule that codes all of the life processes. The T-4's DNA takes over the bacteria's metabolic processes and forces it to make more T-4 viruses. The cell produces until it bursts, scattering more bacteriophage to infect other E. Coli.

Betty Kutter and Burt Guttman have been using the T-4 bacteriophage in genetic studies because the bacteriophage is so simple. T-4's DNA has only about 200 genes, according to Guttman. Even the simplest bacteria have several thousand genes. Each gene is a segment of the DNA molecule that codes the manufacture of a particular protein.

Kutter and Guttman are studying the genetic system of the T-4 bacteriophage on a \$68,000 grant they received from the National Science Foundation (NSF). Different students have been working on and off at the research, learning many of the various lab techniques involved in genetic study. "What we're doing here is basic research," said Guttman. "The philosophy has always been that the more you learn about the universe, the better the chance that you will discover some practical benefits.

"Betty has had this lab set up for about four years now," Guttman continued.



Student Andrea Dashe filters a photosynthesis.

"Students can come in here and start working, and within a few months they can develop the basic skills they need so they can begin to do some more original research on their own." Guttman said that this type of experience was not always so readily available at other schools.

Diane Morton has been working with Kutter on the T-4 research all year. She has specifically been studying gene No. 42 on the T-4's DNA. Morton said that her work with the T-4 research was "an important factor" in getting accepted at the Molecular Biology Institute at the University of Oregon for graduate studies. "It gave me an advantage over other students in that I have worked on actual research projects."

Guttman thinks that one advantage of doing basic research early in a student's education is the opportunity to find out if they enjoy and have the aptitude for research work.

Man-made Leaves

Photosynthesis is the process in which plants use chlorophyll to capture the sun's energy and store it as carbohydrates and tissue. It is a highly efficient process at certain stages, producing energy at up to 35 - 40 percent efficiency.

Faculty members Richard Cellarius and Jeff Kelly are working under a two-year \$132,000 NSF grant to determine how chlorophyll traps light energy, and to see

The Tuition Bills Mo

by Karrie Jacobs

After several weeks of mulling over information gathered during two weeks of hearings, the House Higher Education Committee decided not to endorse any of the proposed tuition bills that were in question in February. Instead, they gleaned choice sections of the existing bills, softened the objectionable portions to an extent, and came up with Substitute House Bill 312.

The stated intention of 312 is to alter the cost of tuition so that it "reflects" the cost of instruction, rather than sliding upwards in direct correlation to rising educational costs.

UNCLEAR AND UNCERTAIN

The concept of tuition "reflecting" costs seemed a little unclear and uncertain, so I spoke with two members of the House higher Education Committee to try and find out just what the committee meant by that and why it was included in the bill. Joseph Enbody, a Democrat from Centralia, said, "We thought that there had to be some justification somewhere for either raising or lowering the tuition." Enbody's statement didn't really clarify

anything, so I spoke with Rep. William Burns, a Democrat from King County. He denied responsibility for that particular portion of the bill, attributing it to Dan Grimm. However, he did have some thoughts on the issue. "We tried to keep from tying the cost of tuition to that of instruction because we were unsure of how to determine the cost of instruction," he said. "For example, is it the cost of running the institution, building maintenance, grounds, etc., or is it just the cost of paying professors and lab fees? Then there's the thing about teachers' salaries being controlled by tuition."

The main differences between SHB 312 and previous bills seem to be in wording rather than intent, with the exception of the elimination of the controversial "Manpower Shortage Clause." Of course, no matter how the wording of the bill is altered to quell opposition to its passage, no matter what adjustments are made to appease angry students or cautious legislators, 312's ultimate effects will be the same as any of the previous bills introduced into the legislature: it will

Research At Evergreen



...and collects chlorophyll for research on

if it is possible to collect this energy and transform it into electricity. The end result might be some sort of man-made leaves, green solar cells, that would be twice as efficient as the present costly silicon wafer cells. Cellarius said such a device is a long way off.

About eight students have worked with Cellarius and Kelly at various times since the project began last summer. One of the difficulties in making chlorophyll trap light energy, instead of just emitting it right back out, has to do with the distance between the chlorophyll molecules in the plant membrane. One student, Andrea Dashe, has been working on the spacing of the chlorophyll on the artificial membrane that Cellarius and Kelley are experimenting with.

"What I did," said Dashe, "was test a number of different lipids -- which are a family of long-chained carbon molecules -- to see how they affected the spacing of the chlorophyll dimers. [A dimer is two molecules stuck together.] In doing this we found that some of our results did not jibe with other published findings. I hope to produce a paper out of that research."

Dashe said that it was rare for undergraduates to work as closely with faculty as people do here.

Cellarius agrees that the opportunities at other schools to do undergraduate research are rare. "I taught at the University of Michigan for six years, and

I would say that there were few, if any, undergraduates that got the kind of research experience that students are getting on our project."

Columbia Fluorides to Harbor Seals

The most wide-ranging research at Evergreen has probably been done in environmental science. Mike Beug and Steve Herman's Ecology and Chemistry of Pollution (ECOP) coordinated studies program, which began in the fall of 1973, in some ways set the tone for student projects dealing with the environment. During that program, and since, many students have received grants to do original research. For example, just this week students John Calambokidis and Jim Cabbage learned that their \$15,100 grant proposal to study the effects of chlorinated hydrocarbon residues (PCBs, DDT, etc.) on the births of harbor seals in Puget Sound has been accepted by the NSF. Steve Herman helped Calambokidis write the grant and will serve as the project advisor, but almost all the research will be done by the eight students the grant calls for. (Calambokidis is the student project director.)

According to Mike Beug, Calambokidis' project grew indirectly out of other student research that began in ECOP. "When ECOP was running," said Beug, "we investigated the levels and effects of fluorides along the Columbia River. We investigated the effects of lead and cadmium from the smelters in northern Idaho -- looking at soils, plants, and small mammals. We had a group that studied the effects of forest management practices in insect outbreaks. We had another group looking at the distribution of polychlorinated biphenyls [PCBs] in Puget Sound. And that study has lead into John Calambokidis' grant to study PCB effects in harbor seals."

"Students have an outstanding opportunity here to do individual research," Beug continued. "Unfortunately many students attempt to start research before they are properly prepared. And they consequently wind up with an inadequate breadth of knowledge in their field."

"The situation is at least partly redeemed by the fact that some students go back and fill in gaps in their education, and/or learn how to dig out material by themselves. And when this happens, that's one of the most effective things that we do at Evergreen."

Most Likely To Succeed

raise tuition. If 312 is passed, the cost of tuition for a full-time resident student at a state four-year college will rise from the present \$507 to \$564 during the 1977-78 school year, and will increase again to \$621 during 1978-79. Non-resident student tuition would go from \$1,359 a year to \$1,734 in the coming school year, and would jump to \$2,091 in 1978-79.

The bill contains a section that is concerned with the need for adjusting financial aid allotments to needy students in order to keep up with the climbing tuition rates. The section states in part that "needy students not be deprived of access to their education due to increases in educational costs or tuition and fees," and provides that a percentage of increased revenue due to tuition hikes be channeled into financial aid funds.

312 is currently being held in cold storage in the House Rules Committee until it gets called to the floor for discussion. It probably won't get there 'till next week because, according to Rep. Burns, "We've been very busy trying to define basic education."

Meanwhile, the Senate has been cooking up a tuition bill of its own. The Senate Ways and Means and Higher Education Committees have been holding joint meetings to draft a yet unnumbered bill which would adjust tuition biennially to the cost of education.

Every new bill has a twist and this one is no exception. It would set university tuition at 25 per cent of the cost of education with the service and activities fee as a percentage of tuition. The 25 per cent rate only applies to the two universities. The other colleges would base their fees on a percentage of the universities' fees. Four-year state colleges would pay 80 per cent of university tuition.

These two bills may be the last in a long series of tuition hike moves, or they might be the beginning of a whole new set. The sponsors of SHB312 hope to get it through the house unamended and the sponsors of the Senate bill have not yet had time to plan their strategy. It seems that whatever happens at the legislature will turn up in our mail boxes in next year's billing envelopes.

The Good Journal

Vol. 5 No. 18

The Evergreen State College

Scientific Research

by Brad Pokorny

It is unusual for undergraduate students to do original scientific research. Relatively few schools around the nation have the facilities, the faculty, or the desire to encourage their students to get into the laboratory and try to make discoveries.

At Evergreen, there are several ongoing faculty projects that allow students to enter the lab, work on basic research, and, perhaps, originate work of their own. Three projects stand out: Betty Kutter and Burt Guttman's work in molecular biology, Richard Cellarius and Jeff Kelly's work in photosynthesis, and Mike Beug and Steve Herman's work in environmental studies. All of these faculty members have on their grant students write t success. Guttm Evergreen man: Student Origina a proportional i other college in



Bact
Under an ele somewhat like bacteriophage bacteria, specifi These mechanis and inject a tl molecule that processes. The bacteria's metal it to make me produces until bacteriophage to

Betty Kutter been using th genetic studies is so simple. T 200 genes, acc the simplest ba sand genes. Eac DNA molecule ture of a partic

Kutter and C genetic system on a \$68,000 gr National Scie Different studer and off at the r the various lab genetic study. " basic research philosophy has you learn about the universe, the better the chance that you will discover some practical benefits.

"Betty has had this lab set up for about four years now," Guttman continued.

CORRE

This Document Has
To Assur

certain stages, producing energy at up to 35 - 40 percent efficiency.

Faculty members Richard Cellarius and Jeff Kelly are working under a two-year \$132,000 NSF grant to determine how chlorophyll traps light energy, and to see

The Tuition Bills M

by Karrie Jacobs

After several weeks of mulling over information gathered during two weeks of hearings, the House Higher Education Committee decided not to endorse any of the proposed tuition bills that were in question in February. Instead, they gleaned choice sections of the existing bills, softened the objectionable portions to an extent, and came up with Substitute House Bill 312.

The stated intention of 312 is to alter the cost of tuition so that it "reflects" the cost of instruction, rather than sliding upwards in direct correlation to rising educational costs.

UNCLEAR AND UNCERTAIN

The concept of tuition "reflecting" costs seemed a little unclear and uncertain, so I spoke with two members of the House higher Education Committee to try and find out just what the committee meant by that and why it was included in the bill. Joseph Enbody, a Democrat from Centralia, said, "We thought that there had to be some justification somewhere for either raising or lowering the tuition." Enbody's statement didn't really clarify

anything, so I spoke with Rep. William Burns, a Democrat from King County. He denied responsibility for that particular portion of the bill, attributing it to Dan Grimm. However, he did have some thoughts on the issue. "We tried to keep from tying the cost of tuition to that of instruction because we were unsure of how to determine the cost of instruction," he said. "For example, is it the cost of running the institution, building maintenance, grounds, etc., or is it just the cost of paying professors and lab fees? Then there's the thing about teachers' salaries being controlled by tuition."

The main differences between SHB 312 and previous bills seem to be in wording rather than intent, with the exception of the elimination of the controversial "Manpower Shortage Clause." Of course, no matter how the wording of the bill is altered to quell opposition to its passage, no matter what adjustments are made to appease angry students or cautious legislators, 312's ultimate effects will be the same as any of the previous bills introduced into the legislature: it will

Non-Profit
Organization
U.S. POSTAGE
Olympia, Wa.
Permit No. 65

Evergreen Point Journal

Olympia, Washington 98505

April 7, 1977

Research At Evergreen



I would say that there were few, if any, undergraduates that got the kind of research experience that students are getting on our project."

Columbia Fluorides
to Harbor Seals

The most wide-ranging research at Evergreen has probably been done in environmental science. Mike Beug and Steve Herman's Ecology and Chemistry of Pollution (ECOP) coordinated studies program, which began in the fall of 1973, in some ways set the tone for student projects dealing with the environment. During that program, and since, many

grants to do
nple, just this
okidis and Jim
\$15,100 grant
s of chlorinat-
(PCBs, DDT,
seals in Puget
by the NSF.
nbokidis write
as the project
: research will
ents the grant
is the student

Calambokidis
out of other
an in ECOP.
z," said Beug,
and effects of
bia River. We
of lead and
s in northern
ants, and small
p that studied
ment practices
had another
istribution of
PCBs] in Puget
lead into John
dy PCB effects

anding oppor-
tunity research
unately many
research before
d. And they
an inadequate
ir field.

least partly

redeemed by the fact that some students go back and fill in gaps in their education, and/or learn how to dig out material by themselves. And when this happens, that's one of the most effective things that we do at Evergreen."

SECTION

Been Rephotographed
e Legibility

undergraduates to work as closely with faculty as people do here.

Cellarius agrees that the opportunities at other schools to do undergraduate research are rare. "I taught at the University of Michigan for six years, and

Most Likely To Succeed

raise tuition. If 312 is passed, the cost of tuition for a full-time resident student at a state four-year college will rise from the present \$507 to \$564 during the 1977-78 school year, and will increase again to \$621 during 1978-79. Non-resident student tuition would go from \$1,359 a year to \$1,734 in the coming school year, and would jump to \$2,091 in 1978-79.

The bill contains a section that is concerned with the need for adjusting financial aid allotments to needy students in order to keep up with the climbing tuition rates. The section states in part that "needy students not be deprived of access to their education due to increases in educational costs or tuition and fees," and provides that a percentage of increased revenue due to tuition hikes be channeled into financial aid funds.

312 is currently being held in cold storage in the House Rules Committee until it gets called to the floor for discussion. It probably won't get there 'till next week because, according to Rep. Burns, "We've been very busy trying to define basic education."

Meanwhile, the Senate has been cooking up a tuition bill of its own. The Senate Ways and Means and Higher Education Committees have been holding joint meetings to draft a yet unnumbered bill which would adjust tuition biennially to the cost of education.

Every new bill has a twist and this one is no exception. It would set university tuition at 25 per cent of the cost of education with the service and activities fee as a percentage of tuition. The 25 per cent rate only applies to the two universities. The other colleges would base their fees on a percentage of the universities' fees. Four-year state colleges would pay 80 per cent of university tuition.

These two bills may be the last in a long series of tuition hike moves, or they might be the beginning of a whole new set. The sponsors of SHB312 hope to get it through the house unamended and the sponsors of the Senate bill have not yet had time to plan their strategy. It seems that whatever happens at the legislature will turn up in our mail boxes in next year's billing envelopes.

The Good Journal

Vol. 5 No. 18

The Evergreen State College

Scientific Research

by Brad Pokorny

It is unusual for undergraduate students to do original scientific research. Relatively few schools around the nation have the facilities, the faculty, or the desire to encourage their students to get into the laboratory and try to make discoveries.

At Evergreen, there are several ongoing faculty projects that allow students to enter the lab, work on basic research, and, perhaps, originate work of their own. Three projects stand out: Betty Kutter and Burt Guttman's work in molecular biology, Richard Cellarius and Jeff Kelly's work in photosynthesis, and Mike Beug and Steve Herman's work in environmental studies. All of these faculty members have students work with them on their grants, and all have helped students write their own -- with excellent success. Guttman said that students at Evergreen manage to get more S.O.S. - Student Originated Study - grants than do a proportional number of students at any other college in the country.

Bacteriophage T - 4

Under an electron microscope it looks somewhat like the lunar lander. T-4 bacteriophage are viruses that attack bacteria, specifically the E. Coli bacteria. These mechanistic viruses land on E. Coli and inject a thin thread of DNA, the molecule that codes all of the life processes. The T-4's DNA takes over the bacteria's metabolic processes and forces it to make more T-4 viruses. The cell produces until it bursts, scattering more bacteriophage to infect other E. Coli.

Betty Kutter and Burt Guttman have been using the T-4 bacteriophage in genetic studies because the bacteriophage is so simple. T-4's DNA has only about 200 genes, according to Guttman. Even the simplest bacteria have several thousand genes. Each gene is a segment of the DNA molecule that codes the manufacture of a particular protein.

Kutter and Guttman are studying the genetic system of the T-4 bacteriophage on a \$68,000 grant they received from the National Science Foundation (NSF). Different students have been working on and off at the research, learning many of the various lab techniques involved in genetic study. "What we're doing here is basic research," said Guttman. "The philosophy has always been that the more you learn about the universe, the better the chance that you will discover some practical benefits.

"Betty has had this lab set up for about four years now," Guttman continued.



Student Andrea Dashe filters photosynthesis.

"Students can come in here and start working, and within a few months they can develop the basic skills they need so they can begin to do some more original research on their own." Guttman said that this type of experience was not always so readily available at other schools.

Diane Morton has been working with Kutter on the T-4 research all year. She has specifically been studying gene No. 42 on the T-4's DNA. Morton said that her work with the T-4 research was "an important factor" in getting accepted at the Molecular Biology Institute at the University of Oregon for graduate studies. "It gave me an advantage over other students in that I have worked on actual research projects."

Guttman thinks that one advantage of doing basic research early in a student's education is the opportunity to find out if they enjoy and have the aptitude for research work.

Man-made Leaves

Photosynthesis is the process in which plants use chlorophyll to capture the sun's energy and store it as carbohydrates and tissue. It is a highly efficient process at certain stages, producing energy at up to 35 - 40 percent efficiency.

Faculty members Richard Cellarius and Jeff Kelly are working under a two-year \$132,000 NSF grant to determine how chlorophyll traps light energy, and to see

The Tuition Bills Mo

by Karrie Jacobs

After several weeks of mulling over information gathered during two weeks of hearings, the House Higher Education Committee decided not to endorse any of the proposed tuition bills that were in question in February. Instead, they gleaned choice sections of the existing bills, softened the objectionable portions to an extent, and came up with Substitute House Bill 312.

The stated intention of 312 is to alter the cost of tuition so that it "reflects" the cost of instruction, rather than sliding upwards in direct correlation to rising educational costs.

UNCLEAR AND UNCERTAIN

The concept of tuition "reflecting" costs seemed a little unclear and uncertain, so I spoke with two members of the House higher Education Committee to try and find out just what the committee meant by that and why it was included in the bill. Joseph Enbody, a Democrat from Centralia, said, "We thought that there had to be some justification somewhere for either raising or lowering the tuition." Enbody's statement didn't really clarify

anything, so I spoke with Rep. William Burns, a Democrat from King County. He denied responsibility for that particular portion of the bill, attributing it to Dan Grimm. However, he did have some thoughts on the issue. "We tried to keep from tying the cost of tuition to that of instruction because we were unsure of how to determine the cost of instruction," he said. "For example, is it the cost of running the institution, building maintenance, grounds, etc., or is it just the cost of paying professors and lab fees? Then there's the thing about teachers' salaries being controlled by tuition."

The main differences between SHB 312 and previous bills seem to be in wording rather than intent, with the exception of the elimination of the controversial "Manpower Shortage Clause." Of course, no matter how the wording of the bill is altered to quell opposition to its passage, no matter what adjustments are made to appease angry students or cautious legislators, 312's ultimate effects will be the same as any of the previous bills introduced into the legislature: it will

Non-Profit
Organization
U.S. POSTAGE
Olympia, Wa.
Permit No. 65

Evergreen Point Journal

Olympia, Washington 98505

April 7, 1977

Research At Evergreen



and collects chlorophyll for research on

if it is possible to collect this energy and transform it into electricity. The end result might be some sort of man-made leaves, green solar cells, that would be twice as efficient as the present costly silicon wafer cells. Cellarius said such a device is a long way off.

About eight students have worked with Cellarius and Kelly at various times since the project began last summer. One of the difficulties in making chlorophyll trap light energy, instead of just emitting it right back out, has to do with the distance between the chlorophyll molecules in the plant membrane. One student, Andrea Dashe, has been working on the spacing of the chlorophyll on the artificial membrane that Cellarius and Kelley are experimenting with.

"What I did," said Dashe, "was test a number of different lipids -- which are a family of long-chained carbon molecules -- to see how they affected the spacing of the chlorophyll dimers. [A dimer is two molecules stuck together.] In doing this we found that some of our results did not agree with other published findings. I hope to produce a paper out of that research."

Dashe said that it was rare for undergraduates to work as closely with faculty as people do here.

Cellarius agrees that the opportunities at other schools to do undergraduate research are rare. "I taught at the University of Michigan for six years, and

I would say that there were few, if any, undergraduates that got the kind of research experience that students are getting on our project."

Columbia Fluorides to Harbor Seals

The most wide-ranging research at Evergreen has probably been done in environmental science. Mike Beug and Steve Herman's Ecology and Chemistry of Pollution (ECOP) coordinated studies program, which began in the fall of 1973, in some ways set the tone for student projects dealing with the environment. During that program, and since, many students have received grants to do original research. For example, just this week students John Calambokidis and Jim Cabbage learned that their \$15,100 grant proposal to study the effects of chlorinated hydrocarbon residues (PCBs, DDT, etc.) on the births of harbor seals in Puget Sound has been accepted by the NSF. Steve Herman helped Calambokidis write the grant and will serve as the project advisor, but almost all the research will be done by the eight students the grant calls for. (Calambokidis is the student project director.)

According to Mike Beug, Calambokidis' project grew indirectly out of other student research that began in ECOP. "When ECOP was running," said Beug, "we investigated the levels and effects of fluorides along the Columbia River. We investigated the effects of lead and cadmium from the smelters in northern Idaho -- looking at soils, plants, and small mammals. We had a group that studied the effects of forest management practices in insect outbreaks. We had another group looking at the distribution of polychlorinated biphenyls [PCBs] in Puget Sound. And that study has lead into John Calambokidis' grant to study PCB effects in harbor seals."

"Students have an outstanding opportunity here to do individual research," Beug continued. "Unfortunately many students attempt to start research before they are properly prepared. And they consequently wind up with an inadequate breadth of knowledge in their field."

"The situation is at least partly redeemed by the fact that some students go back and fill in gaps in their education, and/or learn how to dig out material by themselves. And when this happens, that's one of the most effective things that we do at Evergreen."

Most Likely To Succeed

raise tuition. If 312 is passed, the cost of tuition for a full-time resident student at a state four-year college will rise from the present \$507 to \$564 during the 1977-78 school year, and will increase again to \$621 during 1978-79. Non-resident student tuition would go from \$1,359 a year to \$1,734 in the coming school year, and would jump to \$2,091 in 1978-79.

The bill contains a section that is concerned with the need for adjusting financial aid allotments to needy students in order to keep up with the climbing tuition rates. The section states in part that "needy students not be deprived of access to their education due to increases in educational costs or tuition and fees," and provides that a percentage of increased revenue due to tuition hikes be channeled into financial aid funds.

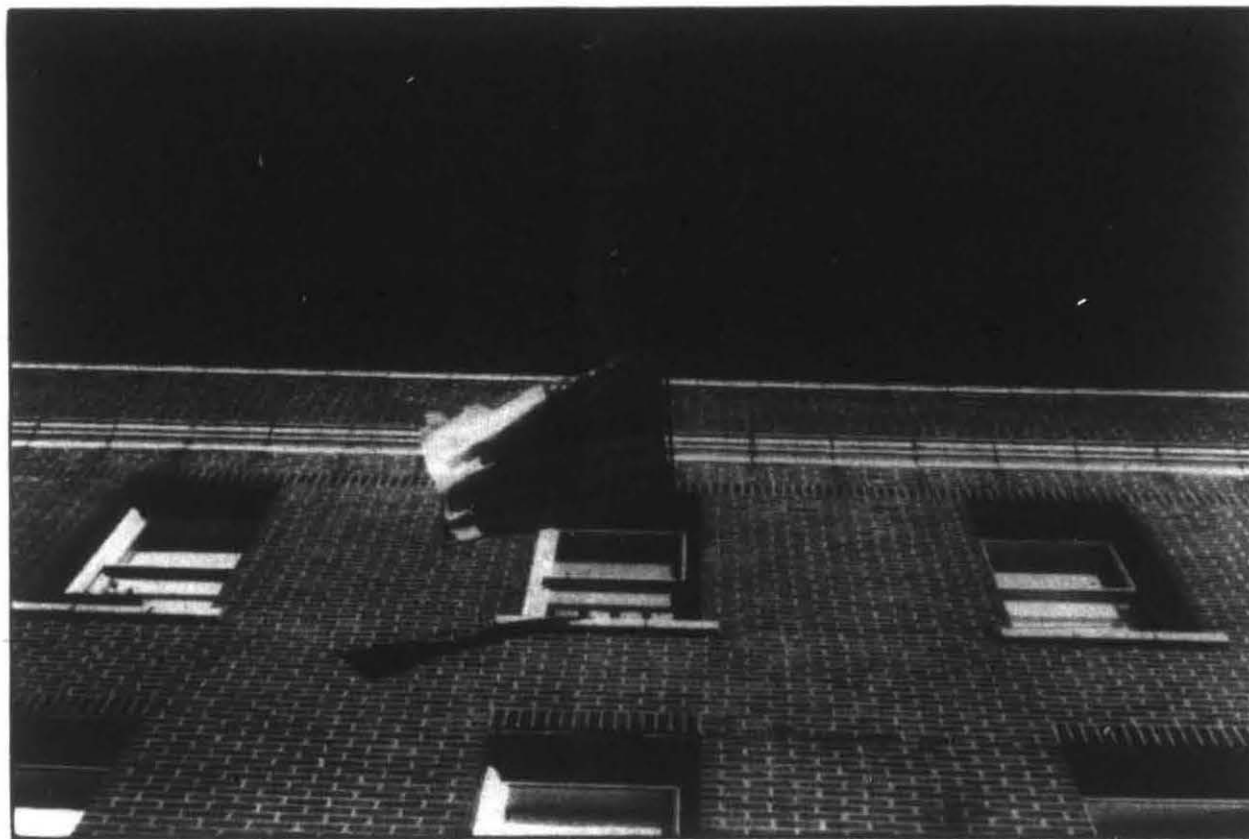
312 is currently being held in cold storage in the House Rules Committee until it gets called to the floor for discussion. It probably won't get there 'till next week because, according to Rep. Burns, "We've been very busy trying to define basic education."

Meanwhile, the Senate has been cooking up a tuition bill of its own. The Senate Ways and Means and Higher Education Committees have been holding joint meetings to draft a yet unnumbered bill which would adjust tuition biennially to the cost of education.

Every new bill has a twist and this one is no exception. It would set university tuition at 25 per cent of the cost of education with the service and activities fee as a percentage of tuition. The 25 per cent rate only applies to the two universities. The other colleges would base their fees on a percentage of the universities' fees. Four-year state colleges would pay 80 per cent of university tuition.

These two bills may be the last in a long series of tuition hike moves, or they might be the beginning of a whole new set. The sponsors of SHB312 hope to get it through the house unamended and the sponsors of the Senate bill have not yet had time to plan their strategy. It seems that whatever happens at the legislature will turn up in our mail boxes in next year's billing envelopes.

Opinion Letters Opinion Letters



Bob Ivall

I Came, Eyesore, I Conquered

To the Editor:

Tired of sleepless nights spent lying awake mulling the world over in your irrelevant, tiny mind? Isn't it a drag? Stoned again? Well, since you're not sleeping anyway, here's a chance to use that time, to beautify our roads and countryside, to serve the public, and to stay fit all at the same time.

Get out of that bed, don your lug-soled boots, thermal underwear, heavy sweater and cap, and GRAB A SAW. Then...head for the hills brothers and sisters. The night calls.

There's a forest of billboards lining our highways, waiting to kiss the earth with a horrendous bang. That billboard you've been driving by for years need not stand any longer to insult your eyes and landscape. (What is it? McDonald's...it's your kind of place. "We're looking for a few good men." "5% interest compounded quarterly." "The break that refreshes.") CUT IT DOWN! You'll thrill to the agony of its defeat.

But don't laugh! This is no adolescent tirade. It is a viable plan of action against commercial insensitivity. Billboards are indicative of profit-first, business-industry priorities. Eliminating billboards not only makes the scene better right now!!, but also demonstrates that we the people no longer accept such profit-first priorities.

Scary? A little, but safer than you think. Recently in an "All-American City" in Ohio 17 billboards fell in two consecutive nights. It was all the work of three normally law-abiding citizens who were tired of American Ugliers.

Seriously folks, this is a chance to apply that ecological rhetoric you've been spouting. Old billboards never die, and

won't fade away. However with YOUR help, they WILL topple or burn.

Do it tonight,
The Tri-centennial
No-Growth Committee

Editor, for obvious reasons this letter is not signed by an individual. Even so, we hope that you deem it worthy of space in your publication.

Don't Leave The Leaves Committee

To the Editor:

I want to make students aware that we are in danger of losing our representation on the Professional Leaves Committee. The committee is currently revising the EAC (Evergreen Administrative Code) section pertaining to how faculty and staff leaves are granted, and it has been suggested that students and staff no longer be a part of this group. Determining faculty leaves may not seem a crucial process for students to be a part of, but it is in our interest to know the material faculty want to study as they will eventually return and present it to us students. Besides, a lot of money is spent for leaves. We must hold on to all the decision making power we have (and that ain't much). Any additional suggestions on EAC revisions can be made to me.

Kathy Pruitt
357-6339

Current member of the
Professional Leaves Committee

A Recycle Built For Two

To the Editor:

To recycle is to slow down the

destruction of this planet!

Because recycling gets the garbage off the ground and back into the system, this means that lesser amounts of raw materials will be needed to produce the products we have now and will be needing again!

Three of our main waste products — glass, paper, and aluminum — can be recycled economically, causing much less unnecessary damage to our earth! Aluminum can be recycled quite economically, for when recycled, it requires far less energy to make it usable again. Anyway, some very beautiful places are being destroyed through mining and littering! Paper will eventually cut us out of trees and green if constantly manufactured from the raw materials; if we must waste paper why not waste it constructively! RECYCLE! And please recycle all your glass, if not just to make it safe for bikes, bare feet, and little people!

The earth needs our support now so that people after us can have something to enjoy!

At Evergreen recycling is made easy for you. All you have to do is place your recyclable materials in the closet on your floor. Just look for a yellow, recycled, recycling paper on the closet door.

Organic materials can also be recycled. Just separate and place in the container marked COMPOST outside each dorm building.

I hope many of you consider Evergreen an alternative school, and by recycling, a beginning is made at realizing what an alternative school could be.

Daniel Tolfree

Mind Field

To the Editor:

The Sounding Board, at its meeting on March 2, discussed the possible courses of action that are available to people who want to make sure that our next Director of Facilities is an environmentally-minded person. The Sounding Board decided that the best course of action is

for all these people to write to the screening committee, which Dean Clabaugh has charged to do a nationwide search, and tell them why it is important that the person in this position be environmentally-minded. The screening committee will also hold open interviews of the applicants, at which anyone can participate in questioning the applicants and submit written evaluations. Write a letter to the screening committee before April 19, telling them to submit only the names of candidates with excellent environmentalist "track records." A couple of the screening committee members are Steve Herman and Lynn Garner. Also send a letter to the one who will do the actual hiring, Dean Clabaugh.

The Director of Facilities is the position immediately above the Grounds Department, and it is the Grounds Department whose job it is to apply biocides, cut down trees, etc., in its attempts to make the campus beautiful. The Grounds Department has SEPA guidelines to follow in the use of biocides, but it makes a world of difference of the parties most responsible interpret these guidelines according to an environmentalist view point. If someone is hired who does not understand the importance of limiting and eventually phasing out the use of biocides, us folks who do will constantly be in a position reacting to their mistakes.

It was also pointed out that the person who is hired must be one who has developed communications skills and is of a cooperative nature. The cooperative sort is one who is sensitive to the needs of the community and will therefore be willing to accept help in making decisions the community wants to be involved in.

Get together with your environmentally-minded friends and plan what you will say on your letter. Contact the Sounding Board office Lib. 3231 (866-6156) for more information. Your opinion will not be heard unless you voice it. As long as you are

silent you are powerless to affect change.

Lyle Tribbett

A Stuffed Albino Popsicle

To the Editor:

Every once and awhile in the course of human and other events young swine like yourself misquote or misinterpret the actions of others and call it news, or spelled backwards, swen (Swedish news).

In your last edition you arbitrarily and capriciously reported that Joe Bemis and his Memorial Garden Royal City Cryogenic Blues Band were scheduled to lay down some unfrozen licks at either Applejam, The Golden Carriage, or The Oregon Trail (I forget which). You further stated, and I quote, "The following..."

Honestly now, wouldn't you admit that you're fooling around here with something more than just a stuffed albino popsicle?

Meanwhile we state employees who have been eagerly anticipating His (sic) second coming or orgasm are left in line at the Applejam, Golden Carriage, Smitty's Pancake House, or all of the above, waiting for Joe and Godot, his drummer.

If compassion is taught at your neat school or if you learned it in junior high or high school, leave Bemis and the Gardens as it. Not only should certain staff not be messed with, but further, the building blocks of creation should be put away when you're not playing with them or yourself.

Yours in the Bowels of Bemis,
The Washington Council for
Outdoor Recreation, Etc.
and all other state agencies
except one.

P.S. You're not really young swine, you're cute.

LettersOpinionLettersOpinion

Withholding War Taxes

To the Editor:

This is a follow-up letter to my Forum column on war tax resistance [COOPER POINT JOURNAL, March 10.]

Our government rules us with money and by our consent, never sullenly given. When consent is withdrawn, our government must change or it falls. Non-payment of war taxes is a classic and basic form of nonviolent action. We can withdraw our financial support of the government. 54 per cent (or \$137 billion) of the U. S. Budget goes to pay for wars past, present, and future. It pays for the proposed 244 B-1 bombers each costing \$91 million. It pays for the Trident Nuclear Submarine Base in Bangor, Washington, where on Trident submarine costs 1.2 billion.

Instead of spending your money on the military, it can be given to an alternative fund, a sort of self-imposed tax, and spent on an organization which encourages life and counteracts war. I personally give my refused telephone tax money to the Environmental Defense Fund (EDF). This is a nonviolent protest of high quality. Non-violence does not mean passively sitting back and hoping that things will change. It means meeting evil with love and reconciliation. It means vigorously opposing the forces of oppression and violence with determined, persistent, and effective acts of nonviolent resistance.

Democracy stops when the

people acquiesce and fail to keep the government in line. Resistance to illegitimate authority strengthens democracy. War tax resisters, by refusing to pay federal taxes, are obeying the law. They are obeying the laws of the international community (Nuremberg Principles), they are obeying the United States Constitution, and they are obeying the United Nations Charter. They are also obeying laws of higher conscience. Did not Thoreau fashion the cornerstone of American resistance theory out of his own experiences as a tax resister?

The War Resisters League (WRL) affirms that war is a crime against humanity. We therefore are determined not to support any kind of war, international or civil, and to strive nonviolently for the removal of all the causes of war. I now quote from a very fine source. The novelist Leo Tolstoy once emphasized the sound logic of draft and war tax rejection by saying: "If the people refuse to render military service, if they decline to pay taxes to support that instrument of violence, an army, the present system of government cannot stand. Let them go to prison. The government cannot put the whole population in prison, and if it could it would still be without material for any army and without money for its support".

On Monday night, April 11, at 7:30 in LH One, Irwin Hogenauer will speak about military spending, federal taxes, and other related topics. Irwin has an extensive background in war tax resistance and tax resistance counseling. If you would like more information or would like to help organize the Evergreen WRL, call me during the evenings or weekends at 866-5126. Love and thanks for reading this letter.

Paul Fink

Spring Fever

To the Editor:

Has everyone noticed that spring is here? Only a week ago March was still blowing strong and I had to shiver and bare my teeth while riding. I was very suspicious of this warm weather but today I felt confident in leaving the bathroom window open. Spring is here; as if it has been for the last three months.

I think an essay on spring is in order, but what can one say? It would be enough for me to wake you all up that it is here, that the air has changed and the temperature warmed. New life has begun, rising from the soil and putting colors where there was none. Let us consider when it began, for it was only a week ago, and be aware that things are changing and nature has suddenly awakened.

David Wylie

Hippies, Underwear, and Humor

To the Editor:

Re: Stuffed Albino Squirrel Humor Test [COOPER POINT JOURNAL, February 10]

Anyone knows hippies don't wear underwear.

Sincerely,
A Representative of the Lone Star Cal - Aggies of U. C. Davis

The Cooper Point Journal

EDITOR Matt Groening	ADVERTISING MANAGER Brock Sutherland
MANAGING EDITOR Brad Pokorny	PRODUCTION MANAGER Jill Stewart [Editor Emeritus]
FEATURES EDITOR Karrie Jacobs	SECRETARY Annette Rickles
BUSINESS MANAGER David Judd	SQUIRRELS EDITOR Joe Bemis

The COOPER POINT JOURNAL is published weekly for the students, faculty, and staff of The Evergreen State College, Olympia, Washington 98505. Views expressed are not necessarily those of The Evergreen State College. Advertising material presented herein does not necessarily imply endorsement by this newspaper. Offices are located in the College Activities Building (CAB) 306. News phones: 866-6213, 866-6214. Advertising and business: 866-6080. Letters policy: All letters to the editor must be received by noon Tuesday for that week's publication. Letters must be typed, double-spaced, and 400 words or less. The editors reserve the right to edit for content and style. Names will be withheld on request.

TAI CHI CHUAN Classes Available **太極拳**

Leisure Education
Evergreen College
866-6340 or
Academy of
Tai Chi Chuan
357-3676

RADIANCE EXPANDED

Herbs & Massage Our Space & Our Hours

Stop by for a cup of herbal tea
And bring this coupon in for a
10% discount on herbs
good until the April New Moon

Now Open
MON - Sat
10-6

218 1/2 West Fourth
Olympia, Wa. 98501
Phone: (206) 357-9470



...in a new location. Northwest and imported crafts, pottery, jewelry, baskets, candles. Fine art.



Complete selection of Spring gear

Bicycles, camping equipment, and clothing
Woolrich 25 per cent off.
Ski gear 30 per cent off.

117 N. Washington 357-4345

The Black Sheep is grazing in middle earth



home of quality kitchen ware, wood heating and cook stoves, kerosene and oil lamps, woodworking and garden tools, Swiss army knives, reasonable prices, and a fine selection of vegetable and herb seeds from Abundant Life.

The Black Sheep repairs and sharpens knives, scissors and woodworking tools.

open 10-6 Tue thru Sat.
middle earth mercantile
202 W. 4th 352-0768

SUPER SERVICE SPECIAL

BRAKE RELINING

Only **49.95** 4 Wheels - Drum or Disc
All model Volkswagens

Includes:

- Install New Linings or Pads
- Top up Brake Fluid
- Inspect all wheel cylinders and master cylinder for leaks
- Inspect all Brake Lines
- Repack Front Wheel Bearings
- Machine Drums or Discs As Needed

Offer Expires April 30, 1977
Old Timers Club and Military Discount void on This Special

HANSON VOLKSWAGEN

AUTHORIZED DEALER 3000 Pacific Ave. 943-2120 Olympia AUTHORIZED DEALER

DONNA'S KNIT SHOP

ALL Macrame Supplies
20 per cent OFF!

1214 1/2 Harrison

943-9711

WORD of MOUTH



BOOKS

352-0720

10 to 6
Mon. thru Sat.

Shoes for the Sole

Shakti shoes and boots

\$38.95



\$44.95



Westside Center
357-8779
Monday - Saturday,
9:30 - 6:00

Lightweight and rugged, this is an all-purpose boot. Inner padding around ankles gives stability, support and comfort whether working or walking.

MANDARIN HOUSE

京

The only Mandarin Chinese restaurant in town.

津

LUNCH
Mon.-Fri. 11:30-3:00

SMORGASBOARD
Mon.-Fri. 11:30-2:00

DINNER
Sun.-Thurs. 3:00-10:30
Fri. 3:00-12:00
Sat. 4:00-12:00

樓

Reservations available. Food orders to go. We also serve American and vegetarian food.
111 NO. CAPITOL WAY 352-8855

We're new. Come in and give us a try. We think you'll like it.

S&A Survey

The time is rapidly approaching when the S&A Board has to decide who will get money and how much. To help them decide, they are soliciting the opinions of students, faculty, and staff. The survey below, which was written by the board, should be placed in the box outside the Information Center in the CAB Mall, or placed in the S&A mailbox in CAB 305. The deadline is April 18.

OPTIONAL (but quite useful):

Student ----- Faculty ----- Staff -----

Male ----- Female -----

Sexual Orientation -----

Ethnic Group -----

CODES:

A. Acquaintance with activity:

1--not acquainted 2--slightly acquainted 3--well acquainted

B. Involvement

1--none 2--worked with 3--member

C. Importance of group:

1--not important 2--little importance 3--moderate importance 4--very important 5--indispensible

Activity	A. Acquaintance			B. Involvement			C. Importance				
Alpine Club	1	2	3	1	2	3	1	2	3	4	5
Asian Coalition	1	2	3	1	2	3	1	2	3	4	5
Bike Shop	1	2	3	1	2	3	1	2	3	4	5
Bus System	1	2	3	1	2	3	1	2	3	4	5
CAB Phase II	1	2	3	1	2	3	1	2	3	4	5
Campus Activities Bldg.	1	2	3	1	2	3	1	2	3	4	5
Career Planning and Placement	1	2	3	1	2	3	1	2	3	4	5
Chamber Singers	1	2	3	1	2	3	1	2	3	4	5
Coffeehouse	1	2	3	1	2	3	1	2	3	4	5
Cooper Point Journal	1	2	3	1	2	3	1	2	3	4	5
Day Care Center	1	2	3	1	2	3	1	2	3	4	5
Duck House	1	2	3	1	2	3	1	2	3	4	5
ECOE Evergreen Council on the Environment	1	2	3	1	2	3	1	2	3	4	5
EPIC	1	2	3	1	2	3	1	2	3	4	5
Equipment Center	1	2	3	1	2	3	1	2	3	4	5
Faith Center	1	2	3	1	2	3	1	2	3	4	5
Folk Dance	1	2	3	1	2	3	1	2	3	4	5
Friday Nite Films	1	2	3	1	2	3	1	2	3	4	5
Gay Resource Center	1	2	3	1	2	3	1	2	3	4	5
Gig Commission	1	2	3	1	2	3	1	2	3	4	5
Health Services	1	2	3	1	2	3	1	2	3	4	5
Human Growth Center	1	2	3	1	2	3	1	2	3	4	5
Jewelry Lab	1	2	3	1	2	3	1	2	3	4	5
KAOS-FM	1	2	3	1	2	3	1	2	3	4	5
Leisure Ed Workshops	1	2	3	1	2	3	1	2	3	4	5
MECHA	1	2	3	1	2	3	1	2	3	4	5
Men's Basketball	1	2	3	1	2	3	1	2	3	4	5
Men's Center	1	2	3	1	2	3	1	2	3	4	5
Men's Soccer	1	2	3	1	2	3	1	2	3	4	5
Men's Sports	1	2	3	1	2	3	1	2	3	4	5
Messy Arts Lab	1	2	3	1	2	3	1	2	3	4	5
Poetry Center	1	2	3	1	2	3	1	2	3	4	5
Photo Lab	1	2	3	1	2	3	1	2	3	4	5
PRESS	1	2	3	1	2	3	1	2	3	4	5
Rec. Center	1	2	3	1	2	3	1	2	3	4	5
Recreational Sports	1	2	3	1	2	3	1	2	3	4	5
River Rats	1	2	3	1	2	3	1	2	3	4	5
Self-Help Legal Aid	1	2	3	1	2	3	1	2	3	4	5
S&A Board	1	2	3	1	2	3	1	2	3	4	5
Speakers Bureau	1	2	3	1	2	3	1	2	3	4	5
Theatre/Dance	1	2	3	1	2	3	1	2	3	4	5
UJAMAA	1	2	3	1	2	3	1	2	3	4	5
Women's Basketball	1	2	3	1	2	3	1	2	3	4	5
Women's Center	1	2	3	1	2	3	1	2	3	4	5
Women's Clinic	1	2	3	1	2	3	1	2	3	4	5
Women's Soccer	1	2	3	1	2	3	1	2	3	4	5
Women's Softball	1	2	3	1	2	3	1	2	3	4	5
Other -----	1	2	3	1	2	3	1	2	3	4	5
Other -----	1	2	3	1	2	3	1	2	3	4	5

PEACE CORPS & VISTA

Representatives on campus

APRIL 20 & 21

Interviewing for overseas Peace Corps volunteer positions and for VISTA volunteer openings in the Western United States. Contact Career Planning and Placement, Lib. 214 for further information.

Income Tax Preparation & Financial Aid Forms

Kathy Coombs

357-7541 If busy, 352-7539

Also - Real Property Advice

Do you want to learn to fly fish? For expert advice:

OLYMPIA SPORT SHOP



Used fishing tackle
Rod and reel repair
719 E. 4th Ave.

Announcements

The Human Growth and Counseling Center will be sponsoring the following workshops this quarter:

The Intensive Journal Workshop. Facilitator: Dr. Frances Heussenstamm, April 22, 23, 24 (Note: To attend this workshop you must be registered by April 8th)

Dream Reflection. Facilitator: Edward McQuarrie, Two sessions: April 1-May 27 (Friday) April 4-May 30 (Monday)

Videotape Dream Seminar. Facilitator: Edward McQuarrie, April 7-May 26 (Thursday)

Creative Movement. Facilitator: Wendy Schofield, April 6-May 25 (Wednesday)

Meditation and Movement. Facilitator: Betty Pees, April 2-April 23 (Saturday)

Stress Management and Relaxation. Facilitator: Ginny Ring, April 4, 5, 6, 7

Food In The Balance Of Life. Facilitator: Bernice Rosenstreich, April 5-May 31 (Tuesday)

Understanding Eating Behavior. Facilitators: Tom Nufert & Judy Patrick, April 4-June 6 (Monday)

Understanding Seminar Process. Facilitator: Larry Mauksch, April 13-May 4 (Wednesdays)

Students, staff, faculty, and community members are all welcome to attend these workshops. For registration and information contact the Human Growth and Counseling Center, Library 3224, 866-6151

Every student employee who has a W-4E on file must come to the Payroll Office Room L1118 to complete a new 1977 W-4E form. The W-4E completed and signed for 1976 will no longer be valid. We cannot legally pay a student employee who has not completed the 1977 form by April 15, 1977.

Persons interested in **ENVIRONMENTAL EDUCATION** are invited to an open discussion and social gathering/potluck on Thursday, April 7, at 6 p.m. in a house at 1821 Giles Road. It is sponsored by the Washington Environmental Education Development Project. For details call 352-7202.

A DTF is being formed to plan and discuss the **Spring Colloquium**, tentatively scheduled for May. The Colloquium is intended to be an all-campus event focusing on the goals and performance of Evergreen. Students interested in being on the DTF should call 866-6295.

CALLIGRAPHY will be taught at three weekend workshops. Call 866-6530 for more information.

Supporters of Bill 689 — the **Gay Human Rights Bill** — are asked to express their support by calling Representative Mike Kreidler's office at 753-7884.

A **Conference On the Struggle of Mexico-Latin Immigrants** will take place on Friday, April 8, 10 a.m.-noon in LH One, and 1:30-4 p.m. in the main library lobby.

The **Services and Activities Fee Review DTF** meets every Thursday through May 5 from 3 to 5 p.m. in Lib. 3121.

WOMEN'S CURRICULUM PLANNING meetings will take place Wednesday, April 13 and every Wednesday thereafter, from 11:30 a.m. — 3 p.m., in the Women's Center lounge (Lib. 3214).

GARDEN SPACE is available at the Organic Farm. Contact Jim by Sunday, April 10, at 866-2749.

The **ENVIRONMENTAL ADVISORY COMMITTEE** will meet on Wednesday, April 13, at 1 p.m. in LAB II 1250.


Films and food to raise money for the **Native American Art Experience** group contract will be offered on Thursday, April 14, at a location to be announced. Choice goodies and juices will be on sale and admission to the films is 50 cents. The shows will run from noon — 4:30 p.m., and 8 — 11 p.m. The money goes to pay expenses for a trip to northern British Columbia this quarter. Call 866-6316 for more information

PETERSON'S
FOODTOWN
 WESTSIDE CENTER


• Open every day •
 10 - 7 Sunday
 9 - 9 Daily

WE TYPE

- Term papers
- Theses
- Résumés
- Letters
- In sharp, black (carbon ribbon) characters.
- Choice of type styles.
- Pica (10 characters per line) or Elite (12 C.P.L.)
- Completed work guaranteed error-free.
- Stored in memory for easy revision.

 **Larson**
POWER TYPING
 212 E. Legion 352-8870

YOUR PRESCRIPTIONS AT
HENDRICKS


Rexall
DRUGS
 WESTSIDE CENTER
 943-3311

EVERGREEN COINS AND INVESTMENTS

BUYING:

- SILVER & GOLD COINS
- DOLLARS
- RARE COINS
- COMPLETE COLLECTIONS

1619 W. Harrison 352 - 8848
 (across from Bob's Big Burgers)

WHAT A CARD.


Blue Max
 Jan Elmondson
 VALUED CUSTOMER SINCE 1978

402 Capitol Way
 Olympia, Wash.
 753-9800

THE MAXIMUM MONEY MOVEMENT SYSTEM FROM **RAINIERBANK**

Dave Wilson's


GAY 90'S PARLOR

4045 PACIFIC
 456-1560

Save 50 cents


DIRTY DAVE

50 cents off
 any size pizza
 with this coupon

Good thru 4/14/77

DOLE GASOLINE TANK CAPS

STOP GAS THEFTS!

FINEST QUALITY LOCKING GASCAPS

Mirror finish on stainless steel assures excellent appearance and durability...One key included...from **\$3.95**

RAUDENBUSH MOTOR SUPPLY

Life Pub. Co.



Obey that impulse.


ash
 866-8181
 3138 Overhulse Rd.

Porsche ROVER T.R. Mercedes

Import Auto Repair

Call John 866-4779 also American models.

V.W. Volvo **BMW** Saab MG Fiat



Students: 10% discount on ALL art supplies

943-1170

501 E 4th

WESTSIDE CENTER
11-7 daily

HOMEMADE HONEY ICE CREAM
CHEESES
FRESH BREAD
ROASTED COFFEE
DOME ST BEANS
IMPORTED WINES
BEER
LOTIONS, NUTS

357-7573

CampusNotesCam

Ray Appoints A New Trustee

Robert J. Flowers, a 34-year-old Seattle banker, was appointed by Governor Dixy Lee Ray Monday, April 4, to replace Tom Dixon on Evergreen's Board of Trustees. Dixon's six-year term expired last month.

Flowers is currently the assistant manager of income property investment at Washington Mutual Savings Bank. He holds a bachelor's and master's degree from the University of Washington, where he was a basketball star. He also worked in the U of W personnel office. Flowers is a Vietnam veteran, and he served with the office of the governor at the Washington State Multi-Service Center in Seattle, under Dan Evans.

A speculative article in Monday's issue of the Daily Olympian hinted that Governor Ray might be after control of Evergreen's Board of Trustees, maneuvering to fire Dan Evans after he becomes president. This seems highly improbable to intelligent observers. Even if the

Governor did wish to "control" Evergreen's board, there is no law binding a trustee to her orders. Evergreen Administrative Vice-President Dean E. Clabaugh said, "I don't know of any way that the governor could control a board member once they've been appointed and confirmed."

Governor Ray will have two more board members to name within the next year. She could replace Ray Meredith, whose confirmation was frozen in the Senate when she took office, and she will have to replace Janet Tourtelotte Holmes, whose term will expire next March.

Although Flowers could not be reached for an interview this week, administrators seem to feel that his appointment was a good one. "I'm really pleased at that appointment," said Clabaugh. "I hope the governor's other appointments are as good."

The trustees are scheduled to meet April 21, next Thursday, at 10:30 a.m. in the Board room, Lib. 3112.



"Between Two Worlds" Tonight

River, an international mime, juggler, fireater, clown, and storyteller, will perform **Between Two Worlds** on campus tonight, April 7, at 6:30 and 9:30 p.m. in LH One. Donation is 75 cents.

According to River, "We have arrived at a unique point in history. The future can be whatever we can collectively imagine and effectively communicate. The means of communication exist at all necessary levels - collective imagination is developing process."

"Between Two Worlds is an examination of two potential futures of this planet," he continued. "At one extreme this planet could become a paradise for all who now occupy it. All could possess real wealth. Real wealth is the individual's immediacy of access to information and experience, not necessarily measured in monetary terms or control of access to space and resources. At the other extreme we must acknowledge the possible end of this planet."

"We can choose our future. It matters what we can and do imagine." The performance is sponsored by the Chautauqua Production Company.

Women's Soccer

On Saturday, April 2, in the opening game of the season, Evergreen's Women's Soccer Team defeated the Vashon Valkyries, 2-1.

Evergreen got off to a strong start with Heidi Ehrenberg scoring early on, assisted by midfielder Martina Guilfoil. In the second half Amanda Sargent scored on a break-away, giving Evergreen its winning goal. Returning goalkeeper Anne Stone made several spectacular saves enabling Evergreen to keep its lead.

The Women's team has been practicing since January. The team is affiliated with the Washington State Women's Soccer Association, Division III. Their next game will be against

the Seattle Comets, on Saturday, April 9, on the Evergreen playground at noon.

Comprising the team are seven returning players from last season. Saturday marked the last game for one of them, Jani Stonington who has been partly responsible for the organization of the team this spring. For the remaining 12 members of the team this is their first season with Evergreen. Most of these 12 have never played soccer previous to this experience.

The team would welcome the Evergreen community's support at their games and also in upcoming weeks the team will be selling soccer T-shirts to help fund the costs incurred during the season.

A Rainy Day Spring SPECIAL

ALL \$6.98 LIST ALBUMS WITH THIS AD

\$4.49

GOOD THRU APRIL 13, 1977



WESTSIDE CENTER 357-4755

EASTER AT OUR STORE IS...

EASTER BASKETS

Containing: Hand and body lotion and matching scent, two complexion bars, plus a small luffa sponge. **\$3.75**



Something Special



SISTERS

943-2751

Gifts of Distinction

Saturday 10 am - 5 pm

ReviewReviewReviewReview



Ford Gilbreath

Women On The Wall

by Karrie Jacobs

Women on the Wall is a group exhibit of art which encompasses a wide range of talents, imaginations, and media. The spectrum of art on display is as expansive as the abilities of the 25 woman artists involved. The exhibit, which is currently hanging in the library gallery, came about initially through the organizational efforts of students Mary Metzler and Nancy Lemoins, who believed that women's work was not being represented properly at Evergreen. After securing space in the gallery, they called a meeting for women who were interested in displaying their artwork. A group of artists came together at that meeting who selected and hung the art in the show in a collective effort.

What resulted from this process is an exhibit representing the many forms of artistic expression on campus. Painters, potters, sculptors, sketchers, etchers, weavers, photographers, and some group work I've undoubtedly overlooked, all have their creations on display.

There are five photographers represented in the array of women's art. The most striking set of photographs in the show is a series of three entitled "New Eyes," by Susan Duane, showing a woman putting on makeup in a most dramatic fashion. The Duane photos have a very commercial look about them, as in advertising, or like a movie

on the late, late, late show.

A bowl of eggs on an electric range was the subject of a photograph by Rebeca Horton. The curves of the eggs, the bowl, the stove coils, and the stove itself - a relic from the days when appliances weren't quite so angular - make a good design picture. It has the same kind of simple beauty as the photo that Edward Steichen did for a soup advertisement of a woman's hands peeling a potato.

Krystine Graziano's watercolor paintings are finely detailed and distinctly different from the blurry impressionism that often comes with watercolors. Her painting, in shades of grey, of inverted pyramids balancing one on top of the other, looks suspiciously like the modern art sculpture in the University of Washington's Red Square. It's interesting to see a watercolor that does not rely on color for its eye appeal.

A nice piece of irony can be seen in Mary Metzler's graphite, charcoal, and grease-pencil drawing of a group of angels reflecting on a string of angel paper dolls.

Bits and pieces of a houseplant or a cactus are portrayed in Lynda Barry's little graphite and watercolor paintings, which look a great deal like slightly-larger-than-life Ektachrome slides tacked to the wall. In fact, the idea of taking a piece of an object and enclosing it in a frame, out of context, is a traditionally photographic one rather than

one found in painting.

Moving from the second dimension into the third, there are a number of ceramic pieces sitting about on pedestals without name tags, only little signs that say "Please do not touch". The main thing that I have to say about the pottery that is in the exhibit is that all I wanted to do was touch it. There was one tea set in particular whose small round cups almost demanded that I pick them up to feel if they were as perfectly made as they looked. The temptation to resist authority - the divine rule of the 3x5 card - was strong, almost overpowering, but I resisted.

The show includes a few textile items that are standard but impressive all the same, and a couple of pieces that I found unique. There is a richly constructed rug by Janine Vigus which should never, ever be trodden upon by muddy Vibram soles.

A double-weave piece of soft sculpture which looks like a set-up for a very confusing game of croquet is sprawled out on the floor of the gallery. Its name is "Forhold," and it was created by Karen Richardson, who has another similar sculpture on display.

Women on the Wall, like any student show, has its weak points, but its best pieces make for an energetic exhibit. It is certainly worth a visit to the ever-popular library gallery to look over.

Arts and EventsArt

FILMS

ON CAMPUS
Friday, April 8

INVASION OF THE BODY SNATCHERS (1956, 80 min.) Don't be put off the comic book title—this is a subtle science-fiction drama which is among the best of its genre. Beings from outer space take over the minds and bodies of small-town folks, and that's just the beginning. Directed by Don Siegel. With **INVADERS FROM MARS** (1953, 78 min.) A cornball, fun sci-fi film about alien invaders. Also: **ELECTRONIC LABYRINTH**, a student film by George Lucas, who later based his full-length movie **THX-1138** on it. Presented by the Friday Nite Film Series. LH One, 3 and 7:30 p.m. only. 75 cents.

Wednesday, April 13

THE GOLD RUSH (1925) Charles Chaplin's frozen north silent classic about gold-prospecting in Alaska around the turn of the century. The snow scenes were shot in Nevada, and the film, which took 14 months to complete, was one of the biggest commercial successes of the 1920's. Chaplin produced, wrote, directed, and starred in the movie. With **PAGE OF MADNESS** (1926) A Japanese silent movie directed by Teinosuke Kinugasa. Presented by the Academic Film series. LH One, 1:30 and 7:30 p.m.

IN OLYMPIA AND TACOMA
THE CARS THAT EAT PEOPLE and **THE JAWS OF DEATH** We swear to God we did not make this up. Lacey Drive-In, 491-3161.

THE LITTELEST HORSE THIEVES and **WINNIE THE POOH** For the young at heart. Capitol Theater, 357-7161.

THE CASSANDRA CROSSING starring Richard Harris and Sophia Loren. Olympic Theater, 357-3422.

ROMEO AND JULIET The Cinema, 943-5914.

THE HARDER THEY COME, an excellent Jamaican movie about Reggae music. Midnight showings on Friday and Saturday. The Cinema, 943-5914.

THE SONG REMAINS THE SAME Home movies by Led Zeppelin. State Theater, 357-4010.

THE LATE SHOW, starring Art Carney and Lily Tomlin. Lakewood Theater (Tacoma), 588-3500.

MUSIC

IN OLYMPIA

Friday, April 8

TOM LIEBERMAN, a guitarist from Minnesota, will play ragtime and sing country, blues, and folk songs. Also **MIKE DUMOVICH**, a blues musician. Applejam Folk Center, 220 E. Union, 8 p.m. Minors welcome \$1.

Saturday, April 9

ERIC PARK, a San Francisco guitar player/singer, will perform. Park plays slide and fingerpicking guitar, and sings blues and original compositions. Applejam Folk Center. Doors open at 8 p.m. Entertainment starts at 8:30. Minors welcome \$1.

CONFERENCES

ON CAMPUS

Friday, April 8

CONFERENCE ON THE PLIGHT OF UNDOCUMENTED WORKERS This conference seeks to bring to light the problems of undocumented workers, better known as "illegal aliens." LH One and Library lobby, 10 a.m.-4 p.m.

ART

ON CAMPUS

STUFFED ALBINO SQUIRRELS ON TRIAL - PART II

(Our story so far: Joe Bemis is on trial for crimes against humanity. He has been removed from his cryogenic tank, where he had been reposing at -100 degrees celsius, to defend himself.)

Prosecuting Attorney: Mr. Bemis, do you deny that on March 7, 1969, you conspired to commit an unnatural act involving a stuffed albino squirrel, a Slinky toy, and the entire Thurston County chapter of the Daughters of the American Revolution?

Mr. Bemis: Prosecuting Attorney: Look at Exhibit A, Mr. Bemis. How can you stare cold-bloodedly at that pitiful white rodent statuette and not feel some remorse about your sordid activities?

Mr. Bemis: Prosecuting Attorney: You make me sick.

Voice from the balcony: He's melting!

NEXT: JOE BEMIS BEGS FOR MERCY.

The finest

houseplants

very reasonably priced

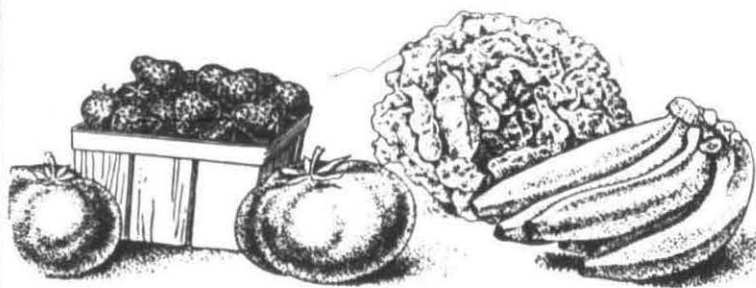


Olympia Greenhouses

1515 NO. DIVISION 943-7890

The F.O.O.D. Co-op

15 per cent mark-up for members
25 per cent mark-up for non-members



healthy, inexpensive food

member owned and operated

10-5 Saturdays

10-7 weekdays

121 N. Columbia (by Salvation Army)

Wednesday, April 13, 1977:

GRADUATE SCHOOL PRACTICE TESTING

8:00 a.m.-12:30 p.m. Law School Admission Test (LSAT) Lecture Hall 5

1:00 p.m.-5:00 p.m. Graduate Record Exam (GRE) Lecture Hall 5

BRING 2 SHARP PENCILS AND BE ON TIME.

Sign up at Career Planning and Placement, Library 1214, or telephone: 866-6193.

Parts for all imported cars.



620 E. Logon
754-5644

SHOP MANUALS \$7.95

The Cinema

4th St. at Pacific & Martin Way 943-5914

Romeo & Juliet

This is a beautiful film, full of youth and energy, with Shakespeare's poetry set against the visual splendor of Renaissance Italy. Directed by Franco Zeffirelli ("Brother Sun, Sister Moon"). Show times, 7 and 9:35. Ends Tues.

The Harder They Come

Filmed in Jamaica, the best reggae movie starring Jimmy Cliff. Midnight movie Friday and Saturday. \$1.50