

### Shortage of gas and oil

## ECU feels pinch of energy crisis

By JIM DODSON  
Staff Writer

"Button up your overcoat, when the cold wind blows take good care of yourself..." and so the song goes.

Alas, "old man Winter's icy fingers have once again begun to envelope the land. The Sun earlier these days, Football season for most is a memory, and only a few clinging leaves dare to linger on the bare branches of the trees—a sample of homage to the season now gone before.

And so, thoughts turn to flannel shirts and thermal blankets—Basketball and wool scarves—hot chocolate and blazing fire places. Thanksgiving is gone, Christmas is right around the corner, and the thought of January and February's coming is something that evokes only a slight shiver too distant it seems to think about now.

To most Americans however, the coming of Winter this year brings an added attraction (or "challenge" as some have philosophically reflected), that may very well test the validity of the concept of the "American spirit" under crisis. The crisis, for those who never read newspapers, listen to the radio, or watch television, is one media people have significantly referred to as—the energy crisis. (As if you didn't know already.)

Perhaps the two primary areas of concern that confront the consumer most directly and frustrate so called "energy experts" the greatest are: shortages in gasoline supplies for automobiles, and lack of sufficient home heating fuels.

To help alleviate the shortages of energy fuels this winter, President Nixon has asked the American public to voluntarily cut back on levels of fuel

consumption in order to conserve energy. By the same token, institutions, hospitals, businesses and governmental agencies have been asked to cut back to suggested levels of operation. In response, East Carolina, as other institutions of higher education throughout the state, has established measures to coincide with national energy conservation recommendations. James

Lowry, director of the physical plant operations at ECU discussed some of the measures the school has taken.

Basically they are as follows:

- 1) There will be a minimum of a 10 percent cutback in fuel conservation.
- 2) Temperatures in all University buildings shall be lowered to levels "sufficient to good health", suggested level—68.
- 3) Hot water temperatures will be lowered

from 140 to 120.

4) Some streetlights, such as in the day student parking lot and some of the lights on campus hill will be cut off after eleven o'clock each evening.

5) Students are asked not to use unessential appliances in the dorms.

6) Restricted use of university owned vehicles.

Continued on page four.



## Student evaluation of faculty : Are they objective?

By MIKE PARSONS  
Special to the Fountainhead

About 20 percent of those departments contacted in a recent telephone poll give students the opportunity to evaluate faculty and course materials on a regular basis.

The idea of student evaluation is not new. Dr. Robert Williams, while provost here at ECU, in 1970, distributed a memorandum to all departments encouraging student evaluation as a possibility of improving the rapport between students and faculty.

### POLI SCI IS "FIRST"

The Political Science department is acknowledged to be the first department to implement regular evaluations. The results have never been published, but the only reason for that is the lack of request. Their evaluation is a two-part affair. The first is a computer scored summary of ratings dealing with the instructor's performance and the course materials. The second part is a comment sheet which allows an opportunity for specific criticism which cannot be offered in the first part.

Occupational Therapy is another department which utilized student evaluation. According to Mr. Richard Wells, the chairman, this program has enabled the department to take an "objective look at weak spots and evaluate performances across the board."

### FACULTY SENATE

The faculty senate has a committee studying possible university wide evaluations on a regular basis to develop criteria for judging instructor performance. The committee was originally formed in 1970 following Dr. Williams' memorandum, and has conducted one survey for the purpose of awarding grants to two ECU instructors.

According to Dr. Richard L. Mauger, Associate Professor of Geology, many of the faculty were critical of the first survey. They claimed it was biased in certain questions and that evaluations depended upon whether the class was large or small, an elective or a requirement, a late afternoon class, etc.

Because of the dissatisfaction, the Faculty Senate dissolved the original Faculty Evaluation Committee and established the Instructional Survey

Committee with instructions to maintain secrecy on the results of the new survey. The new committee, says Mauger, is trying to find a more acceptable means of evaluation for everyone, one in which all areas are more balanced. Mauger said this survey will be run as a second experiment and will be delivered to faculty members only. Candidates for the top ten teaching awards will be selected from the results.

Comments and complaints of students concerning the excellence or incompetency of particular faculty circulating through the campus serve as evidence for the need of rating systems. The question of students' objectivity in rating professors and courses has been debated for some years. Two studies conducted recently, however, serve to give evidence that students are objective in such surveys.

### STUDIES MADE

The first of these studies was conducted by John A. Centra, a research psychologist working for Educational Testing Service. His study, "Utility of Student Ratings for Instructional Improvement", disclosed that faculty members

improved their performance after receiving results of the survey. It also pointed out that students sometimes rate "more experienced" instructors no better than those with only "two years experience."

### STUDENT RATINGS

A study conducted by Peter K. Gessner and reported in Science Magazine shows yet another indication of objectivity. Gessner's study showed that students' ratings of instructors corresponded to their performance on national examinations covering the material. He concluded that the ratings given instructors by these students were an effective method of determining faculty effectiveness.

The Faculty Self-evaluation Report, published by the ECU faculty in 1972, recognizes the need for a more uniform and explicit definition of criteria to judge faculty performance. It recommends that student evaluation be a part of this determination. The data available from departments already using these evaluations and from other studies on the subject is sufficient to prompt at least a pilot program of evaluation which benefits both faculty and students alike.

See related story on page three.



# news FLASHFLASHFLASH

## Raffle winner

The winner of the annual free-book raffle sponsored by the ECU Vets Club was Douglas Benson. The drawing was held at the Vets Club monthly meeting Wednesday, December 5th. Vice Chancellor of External Affairs, (Gen.) John A. Lang, who is also an honorary member of the club, drew the winning ticket. Benson received \$20.00 to cover the cost of his books this quarter. The club netted \$195.00 from the ticket sales. This money will be used to supply food for two needy families at Christmas.

The Vets Club extends its sincere appreciation to all those who purchased tickets for this cause. Even though everyone couldn't win, they have the satisfaction of knowing they helped to make Christmas a little brighter for 2 families who would have otherwise gone hungry Christmas day.

## Phi Chi

Phi Chi will hold its monthly meeting on Tuesday Dec. 12 at 7:00 in EP 104. Dr. Victor Mallenbaum will deliver a lecture on Sensitivity Training. Members are urged to attend and all interested persons are invited.

## Volleyball

Yes! The ECU Club Volleyball team, under the coaching of Abdul Ali Ghori, will resume practice after the Christmas vacation on January 8, at 7:00 p.m. Practice will be in Mingos Gym, every Tuesday and Thursday night. Anyone interested in joining the Club may come during any of the practices.

## B.A.H.

B.A.H. The annual B.A.H. Christmas hayrack/parachute jump will be held this week at 8:30 p.m. The schedule of events will be highlighted by a live parachute jump sans parachute. The lucky demonstrator will be chosen at random and notified at the conclusion of the jump. Other timely topics to be included in the evening activities are: parachute landing/fall techniques at high-velocities, camouflage and landscaping techniques on the drop-zone after jump accidents and a discussion of the 'short-leg' phenomena. The evening's activities are the highlight of the year - don't miss it! Be there?

## Phi Alpha Theta

Phi Alpha Theta Christmas Party Tuesday night, December 11, 8:00 at Dr. Fred Ragan's home. All members and their guests are welcome. Yearbook pictures for next year will be taken at the party.

## U.N. conferences

ECU is participating in three Model United Nations Conferences this school year. ECU will be sending a total of twelve delegates to Duquesne University, Pittsburgh, Hollins College, Roanoke, Virginia, and National Model U.N. in New York.

Bob Lucas, Secretary of International Affairs urges all interested individuals, regardless of major to attend an explanatory meeting tonight in Wright Annex, room 203 at 7:30. This is an excellent opportunity to meet individuals from other universities, to travel and above all, a chance to become involved in an exciting worthwhile project.

## Vets exchange

Anyone who participated in the Vets Club book exchange and failed to claim their books or money may do so by submitting a letter to the Vets Club Executive Council. A collection box for these letters will be located in the CU until 6:00 Wednesday, Dec. 12. After that date all letters should be sent to the Vets Club, care of Dean Mallory's office in 210 Whichard.

## No Flash

Unfortunately, one of the blacker arts that has improved with technological advances is the art of torture. The December SCIENCE DIGEST reports that as a means of rounding out their political muscle, some countries have hired scientists highly skilled in pharmacology, behavior modification and electrical technology to develop and administer highly sophisticated torture to dissident citizens. The result has been equipment as basic as electrified needles that are inserted under fingernails or as elaborate as a series of psychoactive drugs that administer pain and release from pain at the torturer's will.

## CPS shorts

# A crisis, 'don't pollute'

(CPS)--Environmental Protection Agency administrator Russell E. Train said last week that the energy crisis can be met without sacrificing environmental standards.

Despite a recent EPA recommendation to set the deadline for full auto emission safety standards back to 1990 Train flatly denied that the EPA favors allowing new cars to be built without pollution control devices in an effort to conserve fuel. Train said the device, which cut mileage from 10 to 18 percent in heavier cars, actually increase gas mileage by 2-3 percent in smaller cars.

Train said he favors requiring auto manufacturers to build cars which would meet certain mileage requirements. Presently, American made cars average about 11 miles per gallon. If that were increased to 16 miles per gallon, Train said, a savings of 430,000 barrels of oil per day

would be realized. This, he added, would more than offset the oil usually imported from the Arabs.

"Auto emission standards are health standards," Train emphasized in his explanation of why emission controls would not be relaxed.

He defended the use of high sulphur coal in an effort to conserve oil, saying the variances will be allowed on a case by case basis.

Train called the contention that environmental groups are to blame for the fuel shortage a "myth."

Poor planning by government and industry are actually to blame, he said, adding that the energy-environment problem is not an either/or situation.

"Nothing is going to be gained by saying to hell with the environment, let's have energy...both objectives can be achieved," Train said.

# Newsprint shortage

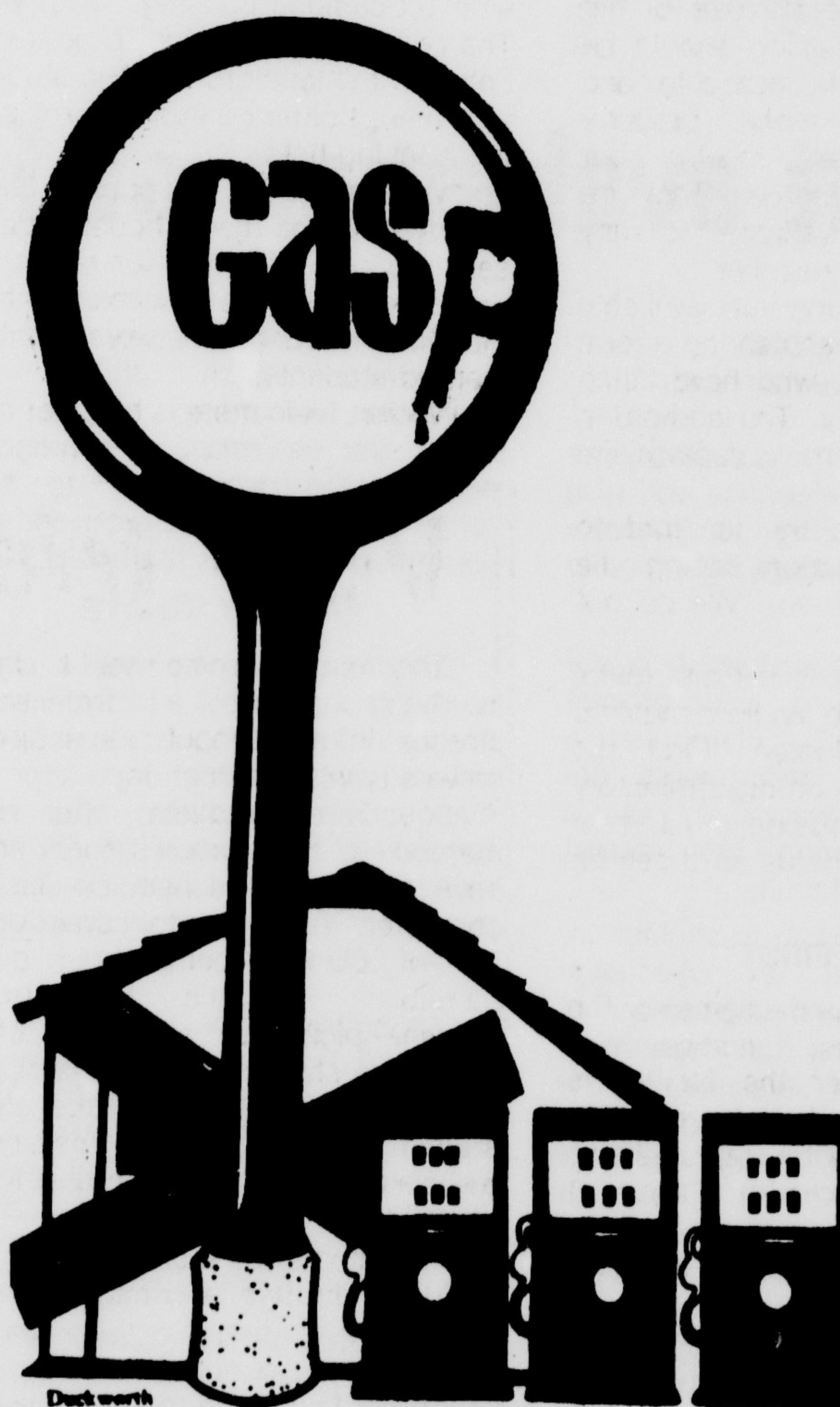
(CPS)--Among the list of materials in short supply, one is of particular interest to print journalists: the shortage of newsprint.

The current shortage began with a rail strike in Canada, which stopped the flow of lumber from northern Canada. It was worsened with strikes by wood cutters in the South when the Gulfwood Pulp Association went on strike to better working conditions. Finally, many small paper mills in the US and Canada have shut down because of stricter anti-pollution measures. Many smaller companies with obsolete equipment, were unable to cope with the prohibitive costs of installing antipollution equipment.

The shortage cut back supplies to distributors to the levels of two years ago, but due to increasing demand, the supply of newsprint is rapidly drying up.

Researchers at the University of Florida, however, feel that there is cause for hope in the long run. They are currently experimenting with a plant called "kenaf" which looks like marijuana, but does not share the same properties.

The researchers say a crop of kenaf can produce five to seven times more pulp in one year than a conventional pine forest, and a new crop grows every year, rather than the fifteen required for a pine tree.



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THE CONTROVERSIAL 1973 BUCCANEER was released last week. It received much local and regional publicity because of a male nude picture which it contained. Some felt that the material it contained was not a "true representation" of ECU.

### Sometimes outdated

## Off campus housing lists are available

Editor's note: This is the third article in a four part series concerning housing in Greenville.

By ED HERRING  
Special to the Fountainhead

"This office does not have the time to come up with the appropriate information on off campus housing," said Dan K. Wooten, director of housing at ECU.

Wooten believes that the role of his office in off-campus housing should be two fold. "My office is available and willing to list any rental property providing the owner meets our requirements," said Wooten. "This information is made available to any student, staff or faculty member."

There are three housing lists available from Wooten's office. Each spring a form is sent to all landlords who have listed before with the university. The landlord in turn fills out the form updating the information.

"We leave it up to the landlord to delete or add information during the school year," said Wooten. "We do not solicit information."

"Before this office will list any rental property off campus, the landlord must do two things," said Wooten. "First the landlord must sign a non-discriminatory pact. Secondly, the housing must meet the same housing standards as those on campus."

A list of apartments available in Greenville is offered by Wooten's office. This list contains the names of the apartments, locations, number of bedrooms and whether the facility is furnished or unfurnished. The preference in renting (age, sex, marital status) is also listed under each apartment. Eleven of the 16 apartment complexes on the list can be found in the yellow pages of the Greenville telephone book.

A list containing rooms available for women students can also be obtained from Wooten's office. Sixteen names,

addresses and telephone numbers appear on the list.

Twenty eight names, addresses and telephone numbers appear on a list of rooms available for men students.

The list containing the rooms for women and men are out dated in a number of instances. A spot check revealed at least three landlords listed are deceased.

"A few years back, when we had a waiting list for dorms, we worked closer with off-campus housing," said Wooten. The university attempted to be the liaison between the landlord and the student. At that time, tighter controls were placed on the housing lists.

"We had a list of housing for men approved by the men's housing director," said Wooten. "The list for women's was approved by the women's housing director. Apartments were only for married students."

Wooten feels there is no great need for the university to get involved with

off-campus housing now. He believes there is plenty of housing available on and off campus.

"Students now go directly to the landlord themselves," said Wooten. "The university should not step in. We will assist if need be."

Wooten does not know whether an off-campus housing office is needed or not.

"We probably wouldn't need a full time office," said Wooten. "Then again, the office might be overrun. I really don't know."

The Student Government Association has compiled a booklet of some of the rooms and apartments which are available to students.

Bob McKeel, Secretary of Consumer Affairs, under the Lulsana administration first compiled the booklet. He sent out 200 questionnaires with return envelopes. Between 75 and 100 of these were returned.

(Next: the landlord)

## VCU tries evaluation

At Virginia Commonwealth University in Richmond, Va., all professors and classes in the school are subject to a university-wide evaluation.

Squads of students - (for example, members of the women's honor society)- have their class schedules fed into a computer. The computer comes up with a list of classes being held during a particular student's free time. The student picks up a packet of blank evaluation sheets, attends the classes on her list, and passes out the sheets to students in each class. Professors leave the classroom while the evaluation takes place.

The sheets are then collected and the data fed through a computer - and the information is used to determine tenure and employment of faculty members.

The VCU method manages to cover all

classes and professors in a single sweep. The information is actually used, and those students conducting the evaluation are paid nominally for their services. The evaluation form used seems rather similar to those utilized at ECU, although it leaves room for atmospheric judgement. (For example, "Does the professor enjoy teaching this class?")

A handicap, according to one evaluator, is that VCU has a number of team-taught classes. The professor in the classroom may have been teaching only for that day. Also, the evaluator may show up in a room only to find that the class has moved elsewhere.

However, these are primarily bureaucratic problems. Our source informs us that the average VCU student does take the evaluations seriously and can be assumed honest in his responding.

## Readmission restructuring supported

By SUSAN QUINN  
Staff Writer

A resolution to support the recommendation of the Admissions Committee of the ECU Faculty Senate to restructure the readmission's policy of ECU was passed in the legislature Monday.

The Admissions Committee's recommendation suggests a policy be adopted whereby some ECU students ruled academically ineligible would be allowed to be readmitted upon appealing to the Admissions Committee. They are required to have been out of college for a period of three academic years. Three conditions were included in the recommendation: (1) Retention: Students, after readmission, must have a "C" average after 27 quarter hours. Catalog requirements must be met after that time. (2) Previous grades below "C" will not be used in the determination of the student's grade point average except for the calculation of honors. (3) Credit towards graduation will not be granted for any previous course work with a grade below a "c".

The Legislature will have a representative present their resolution of support to the Faculty Senate Tuesday.

### MUSIC APPROPRIATIONS BILL DEBATED

In other action, approximately 98 music students attended an appropriations meeting prior to the SGA Legislature meeting.

Music students and faculty members were present at the meeting in an effort to persuade the committee to favor a bill entitled LB 7-1 Appropriation in Support of Student Organizations and Scholarships in the East Carolina University School of Music.

The bill, if passed, would appropriate \$10,000 to the school of music: \$5,000 would be used to provide scholarships for music students while the other \$5,000 would be used in support of students performing in organizations and allocations to the Student Forum of the School of Music.

Music student representatives and the Dean of the Music School, Everett Pittman debated for the bill to the committee while the other students waited outside. The appropriations committee voted to table the bill until the next meeting because further research is needed.

### ECU PLAYHOUSE "COMMENDED"

Legislator Tom Dickens introduced a resolution for commendation of the ECU playhouse. The resolution was passed and will be sent to local newspapers in an effort to commend all persons and businesses responsible for the production of "Hair." This SGA commendation states, "The recent productions of the American Tribal-Love Rock Musical 'HAIR' was an excellent display of the talent which is available at ECU, both in the music and drama departments, and drew sell-out crowds."

Continued on page five.



# Kohoutek comet is coming

(CPS)—"The Comet of the Century", brighter than the moon or the more famous Halley's comet, had been visible to the naked eye in North America since shortly after Thanksgiving.

Called Kohoutek after its discoverer, the comet, although over 200 million miles away is already visible with the use of a medium size telescope. Estimates of its size indicate it is also going to be the biggest comet seen since 1843.

National Aeronautics and Space Administration (NASA) scientists estimate the comet is composed of a solid nucleus of ice, methane, and dust about 18 miles in diameter, surrounded by a head composed of gas and dust four times the size of the earth. This mass is travelling in excess of 30 miles per second.

The comet was first discovered in early March by Lubo Kohoutek, an astronomer at the Hamburg Observatory in West Germany. Kohoutek was studying photographic plates taken of the asteroid belt in search of new asteroids. He discovered a body with a different shape and much larger than an asteroid. Kohoutek notified other astronomers of the possible new comet, and within a week his discovery was confirmed.

The accidental discovery of Kohoutek has given scientists over nine months to prepare for its arrival.

Kohoutek was never reported before because its orbit around the sun is of such large circumference. According to NASA estimates, it makes a rotation only once in every 75,000 years.

Kohoutek will arrive while the Skylab 3 crew orbits the earth. This will allow photo and spectrographic analysis of the comet by humans without the problems caused by our atmosphere.

In addition to Skylab, several instrument bearing rockets will be fired into the atmosphere, and observatories and universities all over the world will participate in ground experiments and observations of Kohoutek.

The Mariner 10, currently en route to Venus and Mercury, will also take photographs of the comet from a different angle, allowing the first three-dimensional model of a comet to be made from the resulting photographs.

Kohoutek will reach its closest point to the earth on January 5, when it will come within 75 million miles. At its brightest, Kohoutek will be brighter than the moon and will have a brightly glowing tail that will stretch across one-sixth of the sky. It will fade from view in late February.

Continued from page one.

Lowry suggested that ECU is not facing an extreme problem in fuel supplies this winter, and that with current supplies of number 2 (refined) and number 6 (crude) fuel oils the university can operate efficiently for approximately fifty-five to sixty days. With more days of unseasonably warm weather, the current supplies would last longer.

The citizens of Greenville certainly are going to feel the pinch of the energy crisis this winter, but it seems to be generally agreed upon by oil distributors in the area that home heating fuels are not going to be the major problem. Most distributors feel that the real shortage is going to be in gasoline supplies.

Ralph F. Sullivan, of Moore-King-Sullivan Inc. discussed some of the distributor's problems in allocating fuel supplies.

"You see, we operate on fuel allocated to us based on sales and purchases for the same period or month of the previous year. For example, the amounts of fuels available for purchase in December this year are based on the volume of sales that we had last December. There is one major point that can be very frustrating at times and that is that the major distributors that supply all local oil firms can reduce the amount of fuel available for sale, so in essence we never know exactly how much we are going to receive."

Sullivan continued, "Naturally, this makes us look like the bad guys with many people but the fact is we are doing everything we can to insure that our customers receive as much fuel as they need. It's a hard time for local distributors—right now we can't afford to think about profit. We just have to hope things get better soon."

Oil dealers all agree that gasoline is

## ECU faces energy crisis

going to be the big question mark in the next few months. Two possible alternatives seen by experts are gasoline rationing and an increase in the federal tax on gas that would raise the price from current levels to as much as eighty or eighty-five cents per gallon, thus discouraging excessive driving. Most distributors in the Greenville area feel that the higher tax is the more feasible of the two proposed solutions. Already in some sections of the state the price of gas has surged to fifty to fifty-five cents per gallon.

The Greenville Utilities Commission recently ran an ad in the DailyReflector in which it outlined its policy to its customers with regard to the fuel shortage and the availability of natural and propane gas. In essence the policy stated that there would be a 16 per cent reduction in the allocation of natural gas this winter. George Reel of Greenville Utilities cited that there are approximately 4500 natural gas users in the Greenville and Pitt County area, and that some steps have been taken by the Commission to ensure that all customers have adequate supplies of gas to heat their homes. Primarily they suggest that customers voluntarily cut back in consumption wherever possible.

Whether natural gas or electricity user, oil or gasoline, the people of Greenville, students included, are going to feel the pinch of the shortage. Whether great or small remains to be seen.

Charles P. Gaskins of Shell Oil in Greenville cited one bright spot in the otherwise gloomy forecast.

"Perhaps there is one positive point to all this fuel shortage business, and that is that maybe we will learn to take better care of what we have. The fact is, folks

have been too promiscuous with fuels in the past. We really took them for granted. Maybe now we'll think about things a bit more and cut out some of our excessiveness."

There doesn't seem to be an immediate end in sight for the present energy crisis. Some experts conclude that it could last anywhere from three years to an entire decade. Others offer that at least in our lifetimes we may never see things as they once were. Again, it remains to be seen.

In the meantime, here we are waiting and watching, although some people have not resigned themselves to merely watching. Hardware dealers report that electric heaters are a large item this winter. Retail clothing stores can't keep long underwear and flannel shirts in stock. The demand for fire wood has reached such a stage that police report incidents in some of the larger cities where people have been going out at night and collecting their own fire wood—even if it means cutting down trees in the City Park. If you're trying to get your Christmas list complete before you go home for the holidays, be sure to include a large order for wool socks, gloves and a toboggan or two.

And who knows, you might wake Christmas morning to find your own personal electric heater or ax under the tree. One thing's for sure, when you head out into the gusty winter wind this year—button up your overcoat!

There was a slogan coined by clever ad-men during a recent water shortage that read: "Save water, shower with a friend." I wonder what their slogan would read in suggesting how to keep warm on these cold winter nights!



### The Greatest Show on Earth

For Kohoutek watchers: the comet will be visible in the southwest sky before sunrise until Dec. 28 and just after sunrise thereafter, the most spectacular show starting in mid-January. Don't miss it; Kohoutek won't be back for a million years...

From the December 1973  
Crawdaddy

## INSTANT REPAY FOR ALUMINUM BUDWEISER CANS

Budweiser will buy ALL aluminum beer cans. Beginning January 12 Budweiser will pay 10 cents per pound for all the aluminum beer cans you can find. This will be a six weeks event with all organizations, fraternities and sororities invited to compete. A free color T.V. will be given to the organization bringing in the most cans. Help Ecology and Promote Competition in this Project.

## SAVE THOSE ALUMINUM BEER CANS

Pick up location will be announced.





# Nation's power is wasted on 'over bright' lighting

(CPS)—During the current energy pinch, Americans may be shivering in offices and schools that are unnecessarily bright, according to a small group of men who have charged the lighting industry with artificially inflating illumination levels in building codes over the last 15 years.

More than a quarter of the nation's power goes for lighting, and one half of that amount is wasted, says Richard Stein, a New York architect who has been waging a largely unpublicized battle against the giant light bulb and fixture companies for years.

Light intensity standards recommended by the Illuminating Engineering Society (IES) have more than tripled over the last 15 years and are now set at levels which have neither physiological nor psychological bases, Stein charges. The increase is documented in the IES Handbook, which periodically issues lighting standards for the industry.

Although the IES claims its levels are only recommendations, many states have automatically accepted and incorporated the standards into their lighting codes. Even where IES levels are not officially required, engineers and architects tend to consider then unwritten law and find it much easier to consult the IES table than calculate the unique lighting needs of an area.

According to the most recent IES handbook, ordinary office work now required 100-150 footcandles. (One footcandle is the measure of light intensity of one candl at the distance of one foot.) In 1952, the IES recommended only 30 footcandles for the same task.

IES officials defend themselves saying that they have raised their standards because they now "know more" about the amount of light needed to see accurately.

The validity of the Society's defense is undercut by the fact that according to a report in the Wall Street Journal, 80 percent of its members work for light bulb, lamp and fixture companies.

Over the period in which IES levels tripled, the sale of lighting equipment rose 143 percent to \$1.8 billion per year, said the Journal. Sales of lamps and bulbs have doubled to \$775 million.

The IES claims that due to measurement techniques developed in 1958 to determine recommended brightness levels, 99 percent visual accuracy is now possible. Stein and others have criticized these techniques for trying to artificially stimulate tasks in the laboratory rather than measuring the responses of real people in practical situations.

Examination of the original 1958 study reveals that only those recommendations that raised light levels were accepted by the IES. The 1958 study indicated that from one to three footcandles were plenty for most reading, although a fifth carbon copy required 100 times as much light to get 99 percent accuracy.

The most recent IES recommendations apparently indicate that an entire office should be bathed in 150 footcandles because someone in the corner of that office might be reading a fifth carbon. This is the kind of waste, says Stein, that had made the U.S. five times brighter than any other country.

By contrast, Britain and Western Europe accept a more reasonable 90 percent accuracy for their lighting levels and use about one-tenth the illumination the U.S. does. British rely on local lights directed on the task, rather than diffused light sprayed indiscriminately throughout the room.

Former IES president Robert Dorsey has argued, "In the competition among nations, we can't afford to compromise on lighting. I have visited brightly lighted offices and factories in West Germany and Sweden, and I don't think Americans are willing to fall behind through lower lighting."

According to critics the IES has also employed scare tactics to make the public think that less light is unhealthy. One example cited was a series of "America the Blind" shock ads run by General Electric Co. a couple of years ago. The ads implied that less than 70 footcandles at school could make children slow learners. Many boards of education were convinced and as a result installed higher levels of lighting.

In reality, ophthalmological studies have reported that 25 footcandles (about a 60-watt bulb at a distance of three feet) is plenty for reading. But additional studies, cited by Leslie Larson in Lighting and Design, show that people prefer the amount of light they are used to having. In other words, Americans have become psychologically addicted to more light than they need.

Larson estimates IES levels could be quartered by using local lamps to direct light on the task, rather than diffusing it over large spaces with banks of fluorescent tubes. Cutting commercial light levels by half, as Stein advocates, could save 10 percent of all power generated—a saving that would equal a 5,000 kilowatt-hour annual budget for 34 million families.

The saving might be even greater according to Stein because every watt of light requires a half watt of air conditioning to cool the bulb's heat. Some new buildings have so much light that the air conditioning is cooling the heated air even when it is snowing outside, reported William Lam, a Boston lighting consultant.

With Stein, Larson and Lam have been fighting an uphill battle against the IES. As a result recently Canadian government officials have been reevaluating their reliance on American light levels for their own standards. Also the American Institute of Architects has refused to endorse the IES's new boosted recommendations for classroom lighting.

Nevertheless, Stein does not expect the IES and the lighting industry to make an accommodations to the present fuel crisis. The industry's powerful friends in advertising and banking have so far prevented any provisions for interior lighting reduction from entering the energy crisis legislation now being debated in Congress.

Critics expect the light mongers to fight for their well-entrenched brightness. For if light levels were halved, as Stein and other recommend, the industry and power companies would stand to lose more than \$3.5 billion annually.

## CLASSIFIEDS

ROOM FOR TWO college boys. Kitchen & laundry privileges; liv. room with fireplace, 1622 Longwood Dr. Inquire next door or call 756-2562.

FEMALE ROOMIE NEEDED to share 2 bedroom apartment on Tenth Street. 4 minute walk from campus. \$32 a month plus utilities. Good Deal! Call 758-4228 for more info.

PRE-MED MEDICAL ADVISE CAREERS? Pre-med society has set up new advising hours for winter quarter. Talk to a junior or senior pre-med about courses, requirements, careers, etc. Mon. 4-5 p.m., 7-8 p.m.; Tues. 12-1 p.m.; Wed. 2-3 p.m., 7-8 p.m.; Thurs. 7-8 p.m.; Fri. 12-1 p.m., Room 228 Flanagan Building.

HAVING PROBLEMS WITH your relationship? Confidential free therapy. Call 756-4859 for information.

ABORTION, BIRTH CONTROL, free info & referral, up to 24 weeks. General anesthesia. Vasectomy, tubal ligation also available. Free pregnancy tests. Call PCS non-profit 202-298-7995.

JOBS ON SHIPS! No experience required. Excellent pay. Worldwide travel. Perfect summer job or career. Send \$3.00 for information. SEAFAX, Dept. Q-9, Box 2049, Port Angeles, Washington, 98362.

REAL CRISIS INTERVENTION: Phone 758-HELP. Corner Evans and 14th Streets. Abortion referrals, suicide intervention, drug problems, birth control information, overnight housing. All free services and confidential.

NEED A JOB? Make in the home presentations for a nationally recognized company. Marketing beautiful products. Sales experience helpful but not necessary. Call 752-4479 9-1:00 p.m.

DEAR SANTA, I have been a very good girl this year and have cut down on going downtown to twice a week. Please send me a 5-speed blender so I can make dacquiries. I will also need a case of Barcardi rum. I would also like 5 cases of Schlitz to help me get through the winter quarter. Please don't forget my good friend, Stacy Steele. Love you, Kathy Satterfield.

FOUND: Black cat on Dec. 3 near Happy Store on 10th St. Has a bell on a macrame collar. Contact Monty, 916 S. Evans St.

FOUND: One 1970 class ring, University of Georgia ring at 106 South Jarvis.

BOOKS FOR SALE: Concepts in Physical Education (PE-12 text) only \$2. Also Plaid Self-Review in Cultural Anthropology (Anthro 122 text) only \$2. Call Pat at 758-6366 any time before 4 p.m.; leave name and number if not there.

Continued from page three.

The SGA Legislature of ECU hereby commends those persons and businesses responsible for the success of "HAIR", and do wish those persons and businesses continued success in the future."

In other business of the Legislature, L-B 5-2, entitled "Amendment to the SGA Constitution," was defeated. The bill if passed would have required all legislators except first quarter freshmen to have a

2,000 grade point average at the time of election.

### SGA VACANCIES

There are Legislature vacancies in Jarvis, Cotton, Jones, Greene and Aycock dormitories. Persons interested in applying for these positions can pick up applications in the SGA office in Wright.

The next meeting of the SGA Legislature will be held at 5 p.m. Monday 7. Chancellor Leo Jenkins will be the guest speaker at the meeting.

## ATTENTION !!!

COUPON

### INTRODUCTORY OFFER!

## The Acapulco Dinner Tippy's Taco House (Best Selling Dinner)

Enchilada, Tamale, Beans,  
Rice, Chili Con Carne,  
Tostados, Meat Taco

\$ 1.55

Per Person  
Not Including  
Beverage or Tax

You must present this coupon to be entitled to this special introductory price. Offer expires Dec. 31, 1973. This coupon may be used for 2 people.

TIPPY'S  
TACO HOUSE

204 BY-PASS



# Reviews

## 'Hair' cast gives dynamic performance despite an "unresponsive" audience



JEROME JONES in the part of Hud alone with Mitchell Bowen as Berger stole the attention of the audience each time they stepped into the light.

By CAROLYN DAVIS  
Staff Writer

HAIR—a pivotal piece of theatrical history staged to reflect the times of the sixties and adapted to fit the time of presentation.

This the ECU production of HAIR did, Friday night.

The question is how well was it accomplished?

In general the production came off good, although a little more enthusiasm in parts could have made it the truly dynamic fertilization rock opera that it was written to be.

This occasional lack of vivacity could have been because of the initial unresponsiveness of the audience.

The cast made themselves well open to the audience even before curtain time. They went into the audience, sharing with them M&M's and flowers.

By the time the actual production began, the audience was well aware of the presence of the entire cast, and recognized Claude, played by Doug Burnett, as the central character.

Despite the cast's encouraging efforts of audience contact, the audience did not warm up to the cast until well into the first act.

The set contained all the dynamism that was lost in other places.

The permanent constructions alone were completely expressive of the

attitudes. But even this was exquisitely surpassed by the moveable props and backdrops.

The theme of the American flag which ran throughout the play was culminated in a large backdrop of the flag constructed of beer cans.

★ ★ ★

Several members of the cast deserve particular mention for their excellence in portrayal of character.

Mitchell Bowen of Wilson, the only cast member not an ECU student, was a major strong point of the play in his role as Berger. Bowen had full awareness of his character and showed great strength.

Jerome Jones in the part of Hud along with Bowen captured the attention of the audience each time he stepped into the light.

The choreography and vocal selections presented by these two characters were among the highest quality performances seen in the production.

Doug Burnett, playing the lead role of Claude, also was well in command of his character. However, in places, he lacked the strength of the confusion felt by the young character.

Judy Townsend, in the role of Dionne, was perhaps the best of the small female characters. Her fluid movements, excellent vocal quality and good stage presence made her a character who could not go unnoticed.

Barbara Benjamin as Jeanie and Jennifer Applewhite as Crissy are also to be noted for their good stage presence and audience appeal.

William Brooks, Woof, could also be mentioned as not going unnoticed by the audience. His rather high-pitched voice and general stage presence were at fault. Had Brooks become the character, rather than acting it, his role would have been much easier to accept. The cameo appearances of Donna and the middle-aged woman in the first act; and the 1930's dancers in the second act along with the dream scene were the liveliest of the show.

These were generally well-accepted by the audience because of the force of the characters involved.

Had this force of character and movement been carried throughout the production by all the members of the cast, not just a majority, the show would have gained a continuity that seemed lacking.

★ ★ ★

Music Director Barry Shank took full advantage of the talents in the orchestra. All instruments blended to create a full-bodied sound which complimented the vocal selections superbly.

With 31 musical selections, the major themes of the show were expressed in the vocal selections of the cast. The

orchestra suspended in the set was an intricate part of the show.

The much talked about "nude scene" was not done in the nude. Nor was it missed by the audience. Full meaning of the play was accomplished without it, but the carefree, open characters would probably have been heightened by the use of nudity in the scene as it was written in the script.

The production and the audience picked up tempo in the second act. The cast ended the show as it began in the audience.

★ ★ ★

After a standing ovation from the audience the cast extended an invitation which was accepted by students and Greenvilleites alike to join the cast on stage for dancing to "Let the Sun Shine In".

Despite a generally good reception by the audience of HAIR, one still wonders what the reaction would have been had the show been more rousing. It certainly would not have hurt.

BY GUY COX

## Not For Men Only

By PATSY HINTON  
Staff Writer

ESQUIRE, advertised as "The Magazine for Men", needs to take a closer look at the American woman of today and realize that their sexist approach to the American magazine buyer is outmoded. For ESQUIRE, I can attest to this, has appeal to women; in fact, ESQUIRE should have appeal to anyone who is interested in American society and who is not offended by occasional four-letter words in reporting.

ESQUIRE is witty, provocative (mentally), informative, educational, and just downright entertaining to read. The current January issue contains features ranging from an analysis of the soaring American wine business to fashions shown at a recent convention of The Little People of America, or midgets. For history buffs, Harry Truman's oral interview, "A Few Lessons in History" is a pure joy. For those whose interests lie anywhere but in the field of past events, which includes most of us, no doubt, the article is still a pure joy.

Truman's wry comments on Eisenhower are anything but dull. He said of Eisenhower: "He hadn't read a book in nine years. It just doesn't seem possible. No wonder he wasn't worth a good goddamn as President. He just didn't know anything." Truman's opinion of Nixon in 1962 when the interview was conducted was even worse, and in view of the recent events, perhaps prophetic. He commented: "Nixon is a shifty-eyes, goddamn liar, and people know it. I can't

figure out getting a young Ker... licking him... see how t... one state.

ESQUIRE modeling... most attra... featured including PLAYGIRL... as he is "subtle and resort-goer... sexy.

"The D... example o... question i... Riggs give... Don Juan,

(blank) m... weeks." Th... "his hair d... forty-one, through (b... the not-so-

ESQUIRE Awards for trivia ever

Re

"IT'S L

Dave M... creative fo... vocally, in... recorded v... Harrison, S... and Traffic... You Never... interesting the work back-up m... but they a... Mason, lea... does some... guitar, but

Strange... back-up m... best cuts o

CHICK CO... Auditorium



figure out how he came so close to getting elected President. They say young Kennedy deserves a lot of credit for licking him, but I just can't see it. I can't see how the son of a bitch carried even one state."

ESQUIRE has men's fashions too, and modeling in January's issue is one of the most attractive men that I have seen featured in any magazine recently, including the nude fold-outs (yuk) in PLAYGIRL. "The Elegant Getaway Man", as he is so aptly named, models the "subtle and subdued" clothing of the 1974 resort-goer, which believe me, is plenty sexy.

"The Dumbest Quiz Ever" is an example of ESQUIRE'S wit. A sample question is as follows: "While Bobby Riggs gives the appearance of being a Don Juan, the truth is he doesn't have (blank) more than once every four weeks." The dumb but correct answer is "his hair dyed." Funny, no? Or "At age forty-one, Elizabeth Taylor is going through (blank) 'Another divorce' is not the not-so-obvious answer.

ESQUIRE's Dubious Achievement Awards for 1973 contain the most trivial trivia ever contrived. But it is hilarious.

For example, "David Rosier of Marina del Ray, California, said he still loves and

trusts his wife even though she was convicted of conspiracy to have him murdered." And "Lemon-custard-flavored Polycillin P.R.B., an edible sure for gonorrhea is declared to be the worse new flavor of the year." Now, not only is this hilarious, but it is also informative. The American citizen, weary of certain news items, finds ESQUIRE voicing these items under the column "Let's Hear No More About..." For instance, let's hear no more about "the affairs of Lisa Minelli", "the summer jobs of David Eisenhower", "the girl friends of Henry Kissenger" or "the heartbreak of psoriasis."

ESQUIRE carries fiction also, not the he-man, sexually oriented fiction of PLAYBOY or the goody-goody all-ends-well fiction of GOOD HOUSEKEEPING, but believable, wholesome, this-is-people fiction.

And ESQUIRE is a this-is-people magazine, and to reiterate my first statement, is not for men only. ESQUIRE is not PLAYBOY minus the centerfold,

and as soon as the publishers of this unique and almost perfect magazine realize this fact, and advertise to people, the magazine will be perfect.

## Records

"IT'S LIKE YOU NEVER LEFT"

By JOHN EVANS  
Staff Writer

Dave Mason is one of the most creative forces, lyrically, musically and vocally, in pop music today. He has recorded with such artists as George Harrison, Steve Winwood, Ringo Starr, and Traffic. On his new album, "It's Like You Never Left", Mason creates an interesting package and does almost all the work himself. Mason has a few back-up musicians who do a good job, but they are left in the background by Mason, leaving him center stage. Mason does some fine work with his acoustic guitar, but the album comes up lacking.

Strangely, the two cuts in which the back-up musicians are featured are the best cuts on the album. The instrumental

"Sidetracked" blends Mason's quality acoustics with a mixed chorus of percussion instruments. This combination brings out a mild-jazz flavor. On "The Lonely One" the harmonica accompaniment of Stevie Wonder compliments Mason and results in a fine sound. On a few other cuts Mason gets vocal help from Graham Nash.

The remainder of the cuts are solid and may appeal to the listener or not. They are all typical Mason cuts, with the emphasis on guitar parts. These are backed by rather simple accompaniments, which feature many different musicians.

Mason performs best when he concentrates on purely acoustical material, but he can hold his own with the faster rock tempos. "Misty Morning Stranger" is the best cut possessing this style.

This is not Mason's best album, but it is worth mention and is a fair offering. Mason does not only perform the material on this album, but he also produced, arranged and wrote the entire offering. This should make it a good sample of his work.



CHICK COREA gave a tight demonstration of modern progressive jazz in Wright Auditorium last Thursday, Dec. 6.

## Bluegrass music is back to stay in Greenville

GREENVILLE'S FIRST INDOOR BLUEGRASS FESTIVAL - A TREMENDOUS SUCCESS

★ ★ ★

By J.K. Loftin  
Staff Writer

Saturday, Dec. 8, proved that Bluegrass is in Greenville to stay! Presented in the Attic, usually known for its rock n' roll shows, the festival opened many eyes as to what Bluegrass music is all about. Young and old, straight and not-so-straight, country and city, everyone that was there let down their barriers and for a few hours found themselves amid a scene of extended gaiety seldom seen today. It was truly amazing how so many people of varied lifestyles could come together and enjoy each others' presence so much.

After the Bluegrass rage (which took Greenville by a storm last year) it seemed that so far as the general public was concerned the storm had died down; but the talent, humor and overall rapport of musicians and performers clearly established the validity of Bluegrass as an entertainment medium.

The entertainment ranged from thoroughly professional, with the Bluegrass Experience, to contemporary with Hobucken, to old-time music with the Flatland Family Band, to about the most sincere and unaffected music ever heard, played by the Fisher River Boys. These various approaches to this special type of music kept the program constantly fresh and, even in spite of the repetition of old standards and favorites, enjoyable.

Due to their local residences, Hobucken and the Flatland Family Band together with the Green Grass Cloggers, had the roles as hosts for the proceedings, providing those "ain't we havin' a good time" performances which have made them so popular in the area. Playing the standard favorites of this area's Bluegrass lovers, as well as older Bluegrass classics, the bands,

along with the precision of the Cloggers, kept the show moving for their friends and neighbors. Of special note, however, were the two visiting bands: The Bluegrass Experience and the Fisher River Boys.

The Bluegrass Experience, from Siler City, is possibly one of the most professional bands of any type music to play in the city of Greenville, for from the second they hit the stage until the moment they left everyone was thoroughly entertained. Firstly, the quality of musicianship in the group members kept things moving. Particularly, bassist "Snuffy" Smith, in his introductions between each song, expressed that certain, subtle humor that marks the difference between performer and entertainer, and let it be known that these boys were entertainers! It should be recognized that the Experience was working under what could have been a problem, but which actually enhanced their presentation. Minus their usual fiddle player, they had as guest sixteen-year-old J.P. Prince, who not only astonished the audience with his prodigious performance, but on several occasions surprised the members of the band with his skill and taste. It is not often that we see a young prodigy but those at the Attic on Saturday most assuredly enjoyed this high point of the program.

Fine fiddle playing seemed to be standard fare for the evening as Melvin Slayton of the Fisher River Boys showed the crowd. Old, drawn-faced, and hump-backed, this man put more emotion and energy and sheer pleasure into his music than most people one-third his age. He, along with the other members of the band, presented a picture of the past, of the beginnings and roots of Bluegrass music. They were purely and simply mountain men, to whom their music was as much a part of their life as a plow or an ear of corn. There is no way one can honestly criticize their performance, for it was straight from their hearts, done the only way they knew how. It was natural and fresh, and old and worn and as basic as the good feelings which they brought with them. They were, after all, what Bluegrass is all about, and everyone who was there owes them thanks for this essential lesson.

★ ★ ★

## Continuing Events

Auditions for the forthcoming production of Arthur Kopit's INDIANS will be held on December 9, 11, and 12 from 7:30 until 10:30 in the Studio Theatre of the Drama Building. Anyone interested is invited to try-out. There are scripts on INDIANS on reserve in Joyner Library, and it is possible to get credit (hours) for performing in INDIANS. The production is set for February 5-9.

Coffee House tonight, Tuesday, Dec. 11, an evening of the best talent in town.

School of Music Christmas Concert, Thursday, Dec. 13, in Wright Auditorium at 8:15, featuring the Symphonic Wind Ensemble, Symphony Orchestra, Chamber Singers, the Men's and Women's Glee Clubs, and the University Chorale group.

Sympathy for the Devil, 1968, the world acclaimed movie featuring the Rolling Stones, Wednesday, Dec. 12, in Wright Auditorium at 8:15.



# Editorials/Commentary

## An evaluation

Student evaluation of professors and courses in an intelligent process which should be more widespread.

Teaching quality is, unfortunately, not consistently excellent, although the bright spots we have found have been so brilliant as to more than compensate for the rest. Fountainhead doesn't pretend that the ECU student body is composed of blooming geniuses, (God knows it isn't), but while the university professor possesses some leverage in terms of grades, the student often has only a department chairman to turn to - a chairman who may have better things to do than hold audience for student complaints. A standard evaluation can legitimize student complaints and remove the crackpot aura from them; regardless of the actual change evaluation brings about, it enables students to vent opinion without making a grand scene, and gives professors and department chairmen some idea of what's going on.

This editor has sat through at least one course in which the students had to teach themselves 250 pages of text four days before the final exam. The professor hadn't mentioned any of the topics included, not had he warned anyone in advance that they might be on the final. I retained virtually nothing from this course.

### PERSONAL LIFE

I can also recall who-knows-how-many classes in which the professor's main objective was to fill out an entire quarter with his/her autobiography. I know more about the personal lives of at least four professors in this university than I know of the subjects they were supposedly teaching. I can relate more stories about degrees, travel, honors, prestige, schools, and childhoods than I care to. While this sort of information can be useful in establishing rapport, and entire quarter of it, with even the most free-wheeling students left floundering and frustrated, is hardly recommended.

Another approach is the "what do you want to do?" routine, in which a professor, because he supposedly knows more about a subject than do the students, attempts to do nothing at all. The class turns into a giant bull-session in which everything is blamed on "society", and in which very little concrete knowledge about anything is imparted.

### POPULARITY QUEST

While the first type described is clearly disorganized and the second teaches as a form of therapy, the third type is a victim of the popularity quest: how to be loved for being unstructured. The unfortunate truth is that most students enjoy structured classes, classes in which the professor knows his stuff and teaches it well. Whether or not they choose to admit it point-blank, students imply this in their discussions of good v. bad faculty. The unstructured nice guys usually cull reputations as soft touches whose classes should only be taken to lighten a heavy quarter, and they inspire little respect.

This editor isn't demanding authoritarian father-figures with .38s in hand. Nor am I demanding that students hire and fire professors at will; I don't believe that persons of callow college age have enough knowledgeability to do so.

But the matter stands that, in some cases, professors are simply not teaching, but are telling classes their life stories, attempting religious conversion, or are simply not showing up at all. This is not teaching, and it doesn't belong in a university system any more than does the lazy student. At some point in Jaundice 102, the subject of jaundice really should be brought up; we've been in too many classes where it never was, in which students read along, hoping it would be, tried to discuss it, taught themselves, crammed, and walked out bitter. Independent study is an excellent idea, if it is designated as such. But the examples cited above are not so - they are unjust, unfair and misleading to the students and to the state which foots the bill. Students with neither the mind nor the will for independent study are forced into it when a professor refuses to teach.

### EXTEND SYSTEM

The student evaluation system gives the average student - the quiet person, the non-wavemaker, the disappointed major - a chance to put down his or her foot, however silently. We encourage departments to standardize some way of examining student opinion and to extend the evaluation system. Students are far from being demigods of impeccable judgement - but they see the professor between office hours and meetings, and know what he or she is like. They can give clues as to why no one signs up for some classes, or why some enrollment goes downhill; they know the output. They can hint as to why ordinarily conscientious students cram to teach themselves an entire textbook, and why others simply give up.

The first step is to ask. Students can be remarkably responsible and responsive if encouraged. And the second step is to make use of the data culled, not just to give awards or chart graphs, but to determine where a department stands qualitatively.

**EDITOR-IN-CHIEF/Pat Crawford**  
**MANAGING EDITOR/Skip Saunders**  
**AD MANAGER/Pam Morgan**  
**BUSINESS MANAGER/Rick Gilliam**  
**NEWS EDITORS/Darrell Williams**  
**Diane Taylor**  
**REVIEWS EDITOR/Steve Bohmiller**  
**SPORTS EDITOR/Jack Morrow**  
**ADVISOR/Dr. Frank J. Murphy**

FOUNTAINHEAD is the student newspaper of East Carolina University and appears each Tuesday and Thursday of the school year.

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FRANKLY SPEAKING...by phil frank



QUITE THE CONTRARY - I'D THINK YOU'D BE PROUD YOUR DEAN WAS DECLARED A HISTORICAL LANDMARK!

## The Forum

To Fountainhead:

Recent intelligence reports have brought to the attention of we, the undersigned, several letters discussing the somewhat "distasteful" habits of an organization known as the "K.A.'s." These "K.A.'s" insist, it would seem, on having some connection with what they consider southern gentlemen.

Judging them by information gleaned by our scouts, what they claim to represent and what in fact such men do in the actual practices of their organization appear to be at opposite ends. It is because of these poor and greatly unwarranted attempt at representing certain men and ideals on the "K.A.'s" (could these men be unionist?) that we the undersigned here by certify that we have never at any time condoned, supported, or even wished to be connected with such an organization. We thank you.

Sincerely yours,

Henry C. Brown, Junior U.S.A.  
 Robin Hope, Junior E.C.U.  
 (and 31 assorted Lieutenant Generals, Brigadier Generals, Major Generals and Generals)

## Buc protest

To Fountainhead:

The 1971-72 Buccaneer was awarded with the title of an All-American annual. Because of the high cost of the annual at about \$64,000 dollars and the large amount of excess copies ordered, there was a suggestion to discontinue the annual at East Carolina University. After much controversy the Student Government Association had a referendum to see if the students wanted to discontinue the Buccaneer and the results were overwhelmingly in favor of keeping the annual. Because the 1971-72 Buccaneer was a good representation of the students and the University and there were eleven hundred copies left over, the SGA is planning to mail each high school in North Carolina a copy for the recruitment of students and for the promotion of East Carolina University.

Monday, December 3, the 1972-73 Buccaneer was distributed on the ECU campus. This publication cost last year's students \$52,000 of their activity fees. East Carolina has always been known for award-winning publications in the past, and this year they have won a new award, The Most High School-ish annual in the nation.

This annual was selected because of the wide variety of new concepts which varied from pictures of nude students and drugs to satires on religion and the President of the University, all of them using profane language to express their warped views.

Anybody can put an annual together like the small clique that was responsible for the annual last year. I can understand the editor not wanting to be marked or

tagged with traditional annuals, but this piece of non-work is not original, it is only original in the form of an annual.

East Carolina University and the entire student body should not suffer in the future because of a few students with irresponsible ideas and thoughts. I am initiating procedures to conduct a referendum to place the annual on subscription basis. Also, I am recommending that the advisor of the annual should always proofread the annual before it goes to press, not the cast of this year's annual, so that most of these immature ideas may be corrected.

Do you feel this annual is a true representation of East Carolina University?

Bill Bodenhamer, Jr.  
 SGA President

## Sick minds

To all the people who were involved:

We would like to express our deepest concern for the sick minds who were responsible for the 1972-73 Buccaneer. We feel that this was an inconsiderate act on the part of a few people, which is a disgrace to many.

In the future, we hope that students will have more control over money paid as university fees, because we would definitely not spend our money on a piece of trash like last year's Buccaneer.

We realize that these people are entitled to their opinions, beliefs, thoughts, etc., but we don't think that they should be allowed to use other people's money to voice these thoughts and opinions.

We hope that the student body will not let incidents like this one happen again. And finally to the faculty advisors to the Buccaneer, Wake Up!

Concerned students,  
 Larry Edney  
 Phillip Harrison

## Back-Pedal...

To Fountainhead:

Watching that beer-barrel frame on those bandy legs do a ludicrous shuffle to the tune of the Eleventh-Hour Back-Pedal was a treat indeed. I refer, of course, to the humiliating retreat of our rotund president Willie B. (You will note that the first letter of his title is not capitalized. That's because Little Willie is not worth a big pee.)

One thing is in his favor, though. At least he had the grace to acknowledge the hardship his stupidity and conceit was causing the student body.

Suzanne Suffering Student

The F

Math

Editor's note following letter member. We Tullio Pignar man, and member critic replies follow

To Dr. Tull Mathematics

Dear Dr. Pign

Maybe you desk without your department heard about of what is department. you should know

Last quarter 119 under Mr. a more ridiculous lady. At the told us that grading scale quarter after decided to scale. Of course she was even the choice is would believe that of an en

Here are dealings in the class had a exam and a young man which is a scale, but Mr. had given h "guessed" two right, so she is the most heard in my would get cr and putting but it turned baloney, and ourselves. Mr. (especially for the gradeshe our class, and a great defer lady does gradesheet personally do athletics, but in this school are here for t and that is to call it educat treated the s grading go, a all department teachers in c out grades t giving out car my class who but this lady even worth grade. So, si a very smart r investigate, e will give yo answers sh students. Bu how a 100 ave C and a 90 turns into a for our sake teacher teach students can



# The Forum CONTINUED

## Math issue

Editor's note: Fountainhead received the following letter criticizing a Math faculty member. We forwarded the letter to Dr. Tullio Pignani, Math Department Chairman, and Mrs. Derrick, the faculty member criticized, for comment. Their replies follow the student's letter.

To Dr. Tullio Pignani, Chairman of Mathematics Department

Dear Dr. Pignani:

Maybe you are sitting behind your desk without knowing what is going on in your department, but from what I have heard about you, you are very well aware of what is happening in the Math department. This is something else that you should know about your department.

Last quarter, I happened to take Math 119 under Mrs. Derrick. I have never seen a more ridiculous teacher than this lady. At the beginning of the quarter she told us that she was on the ten-point grading scale, but at the end of the quarter after we had taken the final she decided to change to the seven-point scale. Of course, she denies saying that she was ever on the ten-point scale, but the choice is yours as to whether you would believe one person's word against that of an entire class.

Here are few examples of suspicious dealings in the class. A young lady in our class had a 100 average going into the exam and came out with a C, another young man had a final average of 78, which is a C even on the seven-point scale, but Mrs. Derrick told him that she had given him a D because he had "guessed" two of the answers on the final right, so she counted those wrong. This is the most ridiculous reason I have ever heard in my life. She told us that we would get credit for going to the board and putting up our homework problems, but it turned out that it was a bunch of baloney, and we just made fools of ourselves. Mrs. Derrick, being a sports (especially football) fan, put a remark on the gradesheet about a football player in our class, and that was "A fine exam and a great defense." It seems that this old lady does not understand that a gradesheet is not a football field. I personally do not have anything against athletics, but it seems that some teachers in this school do not realize that athletes are here for the same reason that we are, and that is to get educated, if you would call it education. The athletes should be treated the same as far as education and grading go, and this statement goes for all departments because there are other teachers in other departments who give out grades to athletes as if they were giving out candy. I am not the only one in my class who was upset about my grade, but this lady is so unfair that she is not even worth talking to about my grade. So, since I have heard that you are a very smart man, I respectfully ask you to investigate, even though I am sure she will give you the same unreasonable answers she gave to all of the students. But maybe you can figure out how a 100 average before final turns into a C and a 90 average going into the final turns into a D as mine did. And please, for our sakes, have at least another teacher teaching this course so that students can have a choice. I finally

would like to ask you to please straighten out your department as you mentioned in your faculty meeting of Monday, November 26. The Math department is not teaching the students what they need, and I am afraid as you also mentioned, you might end up with just the Math majors in your department.

Sincerely yours,  
A student for better education

## Response # 1

To Fountainhead:

Thank you for giving me an opportunity to answer the criticism of the letter written by the MATH 119 student.

At the beginning of each quarter, I explain to each of my classes that I adhere "as nearly as is possible" to the college scale. At the end of the quarter, my final grade averages are listed in order. I then look for definite breaks in the averages. For example, if the top five grades in a class were 93, 92, 91, 87 and 86, the first three grades would be A's; the last two grades would be B's.

I also explain that all necessary work and computations must be shown on tests and exams. The student who guessed the answers on the final exam was requested to explain his methods and to return all tests in order that his work might be studied and reevaluated.

There were twenty-five students in this class. Four students had exam grades ranging from 90 to 98. (One of these students was a football player.) The five students who talked to me about their grades scored from 35 to 54. Evidently some people relied too heavily on good take home test scores and did not properly prepare for the examination.

It is true that I did compliment the football player on both his football and his examination. It is a policy of mine to commend students for extracurricular accomplishments. Earlier in this same course, I had complimented one of our foreign students on his participation in a Foreign Student Program. However, my grades are strictly mathematics grades.

I am sorry that some students were disappointed in their grades. I was also. Each of my students knows that he has the privilege of seeing his examination and discussing his grade. If a mistake has occurred, it will be corrected. I strive to deal with each of my students in a fair and just manner. This is the first and only time that I have received such criticism. It is ironic that the criticism comes from a member of a class in which there were six A's and three F's in a total of twenty-five grades.

Sincerely yours,  
(Mrs.) Mildred H. Derrick

## Response # 2

To Fountainhead:

My comments given below are directly in reply to a letter written by a student enrolled in a MATH 119 class, Fall Quarter, 1973, which is to be published simultaneously.

Mrs. Mildred Derrick was assigned to teach MATH 119 because: (1) Her philosophies of mathematics are compatible with the demands of the disciplines

requiring this course, (2) Mrs. Derrick's rapport with the faculty and students from these disciplines is excellent. With this evidence, I feel that my assignment to have her teach MATH 119 was well justified. Realize that Mrs. Derrick is not the only faculty member in the Department who is assigned to teach MATH 119. Usually, courses are assigned to various faculty members as the occasion warrants and also to provide a variation in teaching duties.

In response to the closing statements in the student's letter relative to the Mathematics Faculty Meeting on Monday, November 26, my efforts were directed to recall the philosophies in the teaching of collegiate mathematics as promoted by the Mathematical Association of America several years ago. Unknown to most youngsters on campus, the teaching of mathematics underwent a drastic change about 1960. Since this time the mathematical community of our nation has awakened to the shortcomings of some of the proposed philosophies. Characteristic of individuals, some members of the Mathematics Faculty do not adhere to change and the reason for the agenda of the Faculty Meeting was to prompt adherence to these new philosophies in mathematics education. My comments at the meeting were only a psychological device to instill awareness in these faculty members.

I feel the letter to you was as unnecessary action on the author's part because my door is always open to students. If a student has made no attempt to confront the professor pertaining to his particular issue, then I encourage the student to pursue this avenue. If this attempt fails, then I am available as a neutral party to the student and to the professor. As an administrator and an educator, this is the only position I want to assume in fairness to all parties. This has been my policy for the past ten years as Chairman of the Mathematics Department, and I will endeavor to follow this policy in the future.

Respectfully submitted  
Tullio J. Pignani, Chairman  
Department of Mathematics

## About cars

To Fountainhead:

I certainly would like to know who the person or people are who decide what additions or changes occur to the ECU campus. On second thought, don't tell me. I know enough dummies as it is. The specific change I am speaking of concerns the parking lot behind Belk Dorm. I own no car, drive no car, so I have no problems in the parking lot myself. I do ride a lot with my friends and this problem concerns them. I admit that there are too few parking places up the hill for the drivers there, and that, must be accepted. But why would anybody fill in a drive way to put about 6 parking spaces there. Six extra parking spaces won't make that much difference in the parking situation but filling in the driveway will. People now have to back about 100 yards out when they could have just driven through. Not only is this inconvenient it is also dangerous.

I'm sure there's a very good

explanation for this. I'm willing and waiting to hear it.

Eddie M. Banks  
Belk 105D

## Buc speaks

To Fountainhead:

There are several matters regarding the Buccaneer I would like to take this opportunity to explain.

- (1) From now until June, students may pick up a copy of the 1973 Buccaneer (as well as the 1972 and 1971 editions) in the yearbook office, 2nd floor Wright. Unfortunately, it is impossible for the staff to maintain regular office hours - we frequently need to be out of the office to do work for next year's annual - so you will have to take your chances on coming at a time when the office is open.
- (2) Seniors who graduated in May or in 1st or 2nd session summer school will have their yearbooks mailed to them-books for these students should not be picked up in the office.
- (3) It has come to our attention that several organizations that paid to have a picture in the 1973 book were left out by mistake. If these organizations will contact us by mail or in person, we will refund the money.
- (4) Any organization that has not returned an information sheet to the Buccaneer office so that we can reserve space for them in the 1974 annual should do so immediately. If any organization has not received an information sheet from us, please call us as soon as possible so that we can make plans to include you in the book. We would like to have all organization pictures taken by the end of January, so organizations should make it a point to schedule a picture as early as possible.
- (5) Plans now call for the portrait photographer to be on campus the week of January 14-18; students who did not have their portraits taken earlier should plan to have them taken during this week in January. It is especially important for seniors and graduates to have their portraits in the book.
- (6) The staff of the 1974 Buccaneer would like to extend sincere apologies to any and all students to whom we were discourteous; we have been under extreme pressure these past few weeks, and occasionally we took out our frustrations on the wrong people-please accept our apologies.
- (7) The staff of the 1974 Buccaneer would appreciate hearing opinions on the 1973 book. You may write (Buccaneer, P.O. Box 2244, ECU Station), call (758-6502), or stop by the office in person to give up your opinions.

We appreciate your patience in waiting for the 1973 book. The staff is presently hard at work to bring you the 1974 Buccaneer, and one of our major goals is to have it delivered on time (September 8, 1974). Again, we encourage your comments and suggestions; after all, it's your book.

Sincerely yours,  
Gary L. McCullough



Course is offered again

# Students study history where it happens

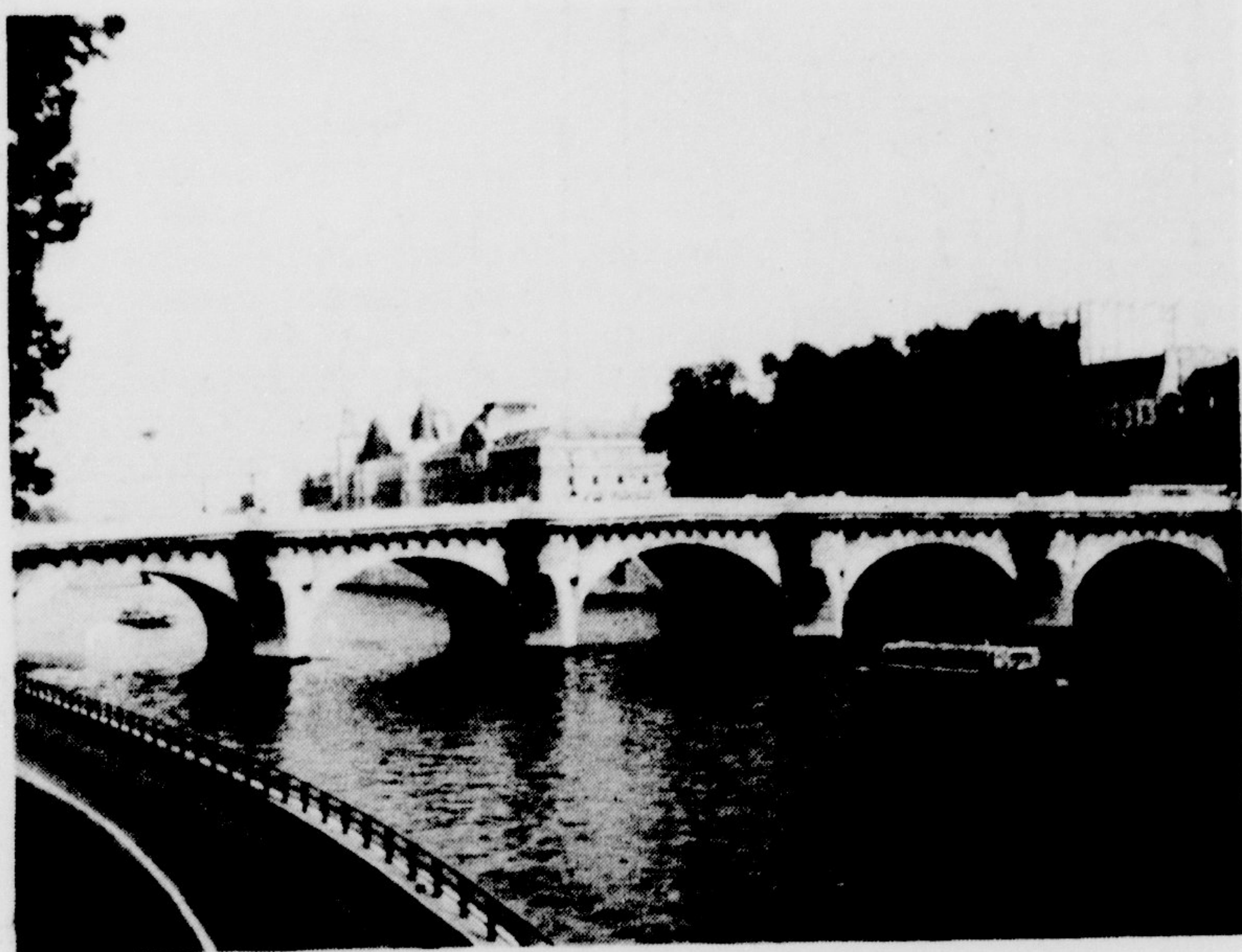
By KATHY KOONCE  
Staff Writer



WINDSOR CASTLE was the highlight of a Sunday excursion into the English countryside. Only one problem, we didn't see the queen.



STOCKHOLM - There's nothing like a refreshing cup of coffee at 8 a.m. after an overnight train ride from Copenhagen. The sun's up early in Sweden and so were we.



LE PONT NEUF - One of the many bridges along the Seine River in Paris.

Does the study of foreign government via dull textbooks and lectures make everything boring and uninteresting? Does the regular method make you wonder whether or not other countries and different forms of government even exist? Well the political science department offers a summer study tour which allows its students to see and become a part of new cultures. The study tour, Political Science 233, Political Processes in Western Europe, make the print of a textbook come alive.

Imagine waking up to the beauty of the Rhine River in Germany and journeying via streetcars to visit the German Parliament in Bonn. Or think how few tourists have had the opportunity to see the inside of the Communist Party headquarters in Paris! Maybe you would be most interested in visiting the flea markets of Europe. Perhaps your favorite place could be the medieval town of Bruges with its abundance of Belgium lace. All of this and more can be yours if you enroll for aht 1974 summer tour.

The time to plan is now! The cost of \$825.00 includes all but tuition (ECU course registration), some meals and all personal expenses. Also it does not include passport costs. Students interested should contact Dr. Hans Indorf of the political Science Department in SA-132, or they may see Bob Franke SA-105. The course is co-ed and there are no specific prerequisites. A general introduction to political science is recommended however. The format of the course is based upon lectures and interviews with the different political parties of Western Europe. According to Dr. Indorf it is a "good foundation course" and should appeal to those with an interest in English, history, the status of women and social aspects rather than just the political science major.

Political Science 233 is not all work and no play. Interviews and lectures do not occupy time to the extent that sights and recreational activities are excluded. Everyone has the opportunity to try out European discotheques and pubs. Group activities and excursions to places such as Chartres, Windsor Castle and a hike through the German mountains are planned. Free time can be spent sightseeing, going to plays in London to shopping in Paris.

Students partaking in this experience gain an immense appreciation of other countries' values. Such a study tour allows the opportunity to meet and become involved with people of the different countries. One learns how to communicate even without the knowledge of a certain language.

This course spans six weeks and is offered the first summer session. Completion of the course provides nine credits in political science. Requirements are a final examination and a term paper. It is the least expensive study tour offered and perhaps the only one which incorporates sightseeing, study and personal recreation in one trip. All forms of transportation are used. Jet planes land you in Luxembourg and take you back to New York from Stockholm. Trains will move you from one country to another. A ferry will take you across the English Channel and there is an evening boat trip across the North Sea.

So if you are restless and have a desire to learn and broaden your experiences, check into this summer course. No other way to see Europe is better than one which can be shared with 19 or 20 friends. And if you become one of the fortunate people to which this trip becomes a memory, it will be one to cherish forever.

[Photos and comments by Kathy Koonce, 1973 European study student.]

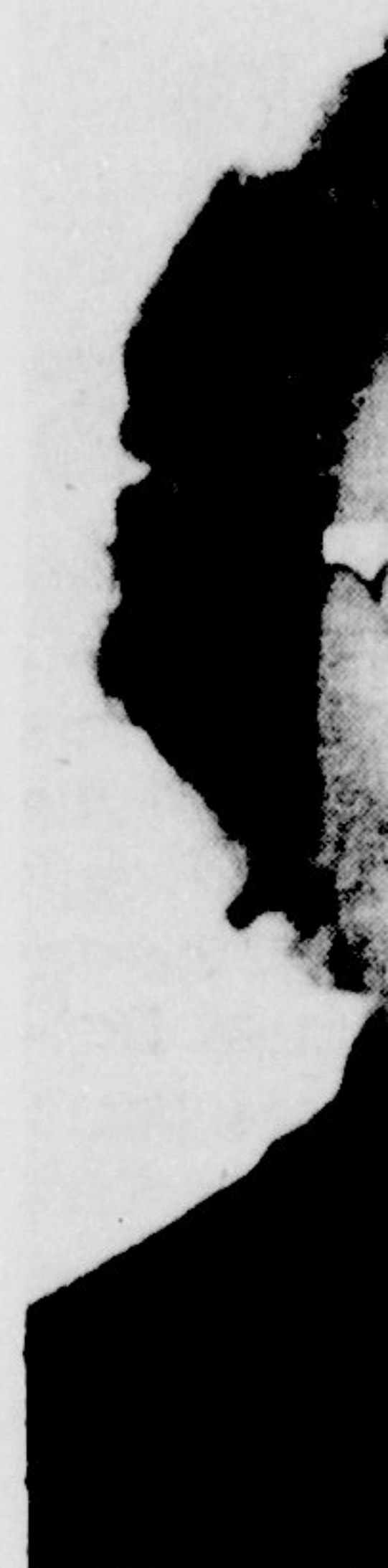


HAUS STEINECK - The former ECU European Study centers in Bonn Germany. Imagine spending class breaks watching the Rhine or visiting a nearby wine house.

## Faculty depart

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# Faculty members named departmental chairmen

Two ECU faculty members have been appointed to chairmanships of their respective departments, effective immediately.

Professor Marguerite Austin Perry has been appointed chairman of the ECU Department of Foreign Languages and Literatures, and Professor James S. McDaniel has been named chairman of the Department of Biology.



MARGUERITE AUSTIN PERRY

Mrs. Perry has served as acting chairman of her department since it was formed from the merging of the Department of Romance Languages and German and Russian a few months ago.

She has degrees from Winthrop College and Duke University and has done additional study at the University of Paris, the University of Mexico, Emory University and UNC-Chapel Hill.

A member of the ECU faculty since 1940, she has been active in numerous professional organizations and is a past president of the North Carolina chapter of the American Association of Teachers of French.

She has read papers at state and national conventions of the AATF and the

South Atlantic Modern Language Association.

He succeeds Dr. Graham J. Davis who resigned the biology chairmanship in order to return to fulltime teaching and research.

Dr. McDaniel is married to Dr. Susan J. McDaniel, formerly a member of the ECU biology faculty, who was appointed Assistant Provost earlier this year.

Dr. McDaniel, who has been at ECU since 1967, has degrees from Kansas State College and the University of Oklahoma. Before joining the ECU faculty, he was a National Science Foundation Postdoctoral Research Fellow at Rice University and a research investigator at the Woods Hole (Mass.) Marine Biological Laboratory.

He has served as a consultant to the Food and Agriculture Organization of the United Nations and as vice president of Southeastern Society of Parasitology.

The recipient of research grants from the National Science Foundation, the National Institute of Health and the Atomic Energy Commission, Dr. McDaniel has discussed results of his research in several scientific journals and at professional meetings.



DR. JAMES S. MCDANIEL



RAMPS WERE PUT in the place of steps in the entrances of many ECU buildings to benefit handicapped students.

## Handicapped students benefit from changes

By BROWNIE WILSON  
Special to the Fountainhead

A great effort is now being made to make East Carolina University a barrier-free campus to the physically handicapped person.

James J. Lowry, director of the physical plant on campus, said that many changes were made to the buildings and the campus in general over the summer.

Such things as ramps to doorways and wider entrances to restrooms have been added to the older buildings. The newer buildings, those built after the Educational Psychology, will need only minor changes said Lowry.

"This area will allow us to make East Carolina an almost barrier-free campus because of the flatness of the land," Lowry added.

He also pointed out that any new construction will meet the guidelines established in the North Carolina building code. This will include the new student union as well as additions to the library.

Almost anything could prove to be physical obstruction to a handicapped person.

Lowry said that such things as a uniformly even sidewalk around campus and the removal of obstructions, such as waste cans, from hallways would be a great help to the handicapped.

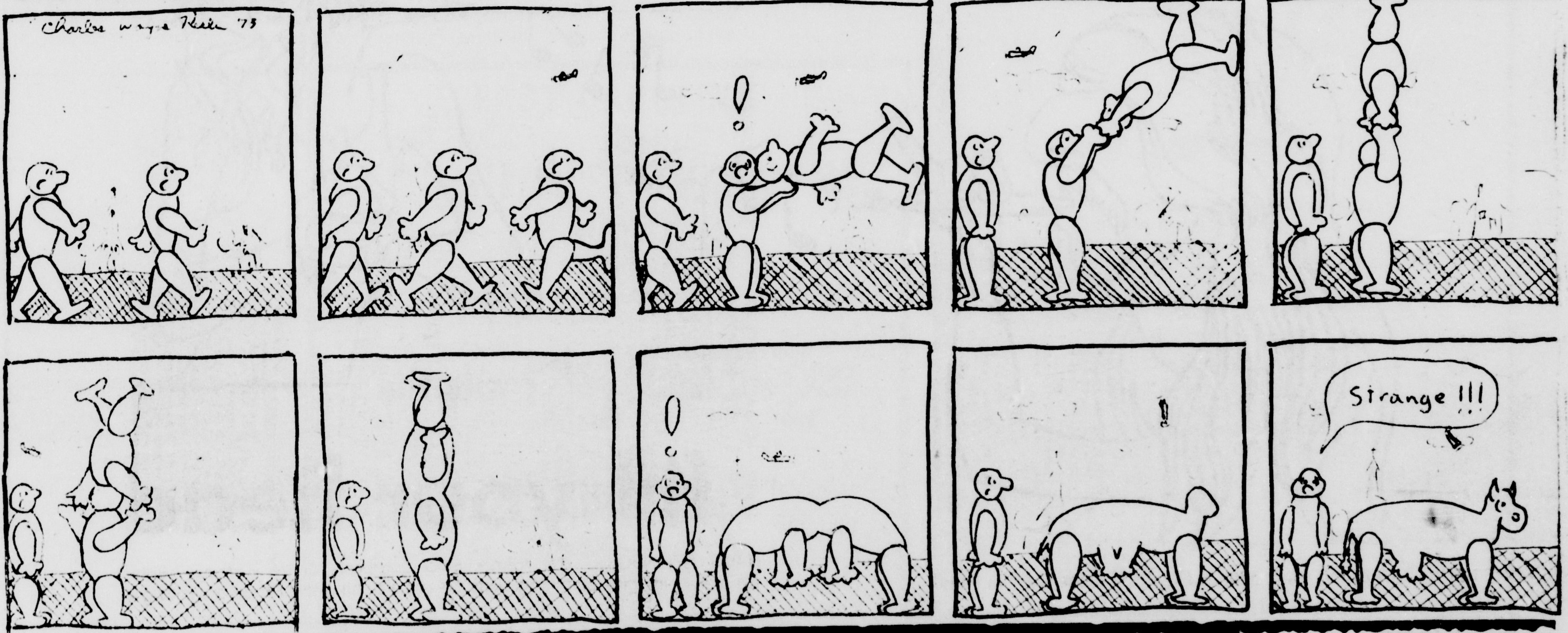
"There are so many simple things that could be done to aid in easing this problem," said Lowry. He pointed out that the average student or teacher could help us by not making an obstacle that wasn't already there.

"This would include not parking in the wrong area, littering, blocking some entrance and things like that.

"Our main goal is to make it possible for the handicapped person to move safely in the buildings, around the campus, and not be held back by any physical barrier," said Lowry.

"This is a huge task but with proper planning and cooperation we can do it."

One ECU handicapped student recommended that handicapped student's scheduled be processed first so the student would not have schedule conflicts. That way the handicapped student would not have to go through drop-add, a difficult task for handicapped students.





**Dorm room gardens****Terrariums create freshness of spring time**

By PATRICIA FOUNTAIN  
Special to the Fountainhead

Why not bring the beauty and freshness of summer into your apartment or dorm room by growing an indoor garden. There are many ways to grow and display plants in your room.

Interest in terrariums, for example, has grown in popularity. Terrariums are created by growing plants in a closed glass container. They can be fashioned in any sterilized glass container, from a glass bowl to a large wine jug.

The plants used must be able to grow well in humid areas, such as, fern, begonias, moss, violets, and Venus Fly-traps. Rocks, shell, and wood can be arranged with the plants to create an interesting terrarium.

To make the terrarium have a deep sterilized glass container and line the bottom with small pebbles and charcoal. Then fill one-third of the container with soil and a thin layer of peat moss. You can buy a prepared soil at your garden shop. Next, arrange the plants in the container and water sparingly. Seal the container and watch the plants grow.

If you do not have time to tend to plants, then terrariums are designed for you. They tend to thrive on neglect. Terrariums need watering seldomly, because they produce their own moisture. But, if moisture forms on the side of the container remove the lid or covering until the terrarium airs out.

Another newer interest is the water

garden. These plants grow in no earth at all—only water. They are easy to grow and interesting to display in vases, jars, and other containers. Just imagine, the roots are as interesting to watch as the leaves or flowers.

Some plants that grow well in a water garden are ivy, Chinese Evergreen, philodendron, coleus, and tree or shrub cuttings, such as, lilac, and dogwood.

The care of a water garden is easy. The water must be changed frequently to be kept sweet and fresh, and

from turning slimy and brown. A small amount of fertilizer every two weeks helps also.

Both the water garden and the terrarium take up little space and helps to decorate and brighten a room immensely. The terrarium can be placed on a shelf or the floor depending on the container. The water garden can decorate your desk, shelf or window sill, but never place water gardens directly in front of an open window or radiator.

An indoor garden gives life to your

room. It creates an exciting, natural mood, making your room a home instead of just a place to live.

Indoor gardens can decorate by bringing a part of nature into your room, even if it is only a small potted plant. But, why stop with that? Let your imagination go wild and make an exciting terrarium or water garden.

Who knows! Your hobby may become business. But whatever happens, providing nature in your own room is a lot of fun.

**Colleges cut energy consumption to help combat the fuel shortages**

(CPS)—It may be a long, cold winter for many colleges and universities because of fuel shortages and rising food costs.

Some colleges have been reducing energy consumption since September, and others, like Colorado State University, have already been hit by fuel cutoffs.

The Fort Collins school had been receiving its natural gas for heat under a contract which stipulated the gas could be cut off at any time. The power did cut off the gas supply and CSU switched to fuel oil of which it has a limited supply, enough, according to the CSU Collegian, "to last about twenty real cold days." Two other Colorado universities are also down to fuel oil.

Schools in the Northwest are plagued by power shortages because of a drought in the area this past year which resulted in

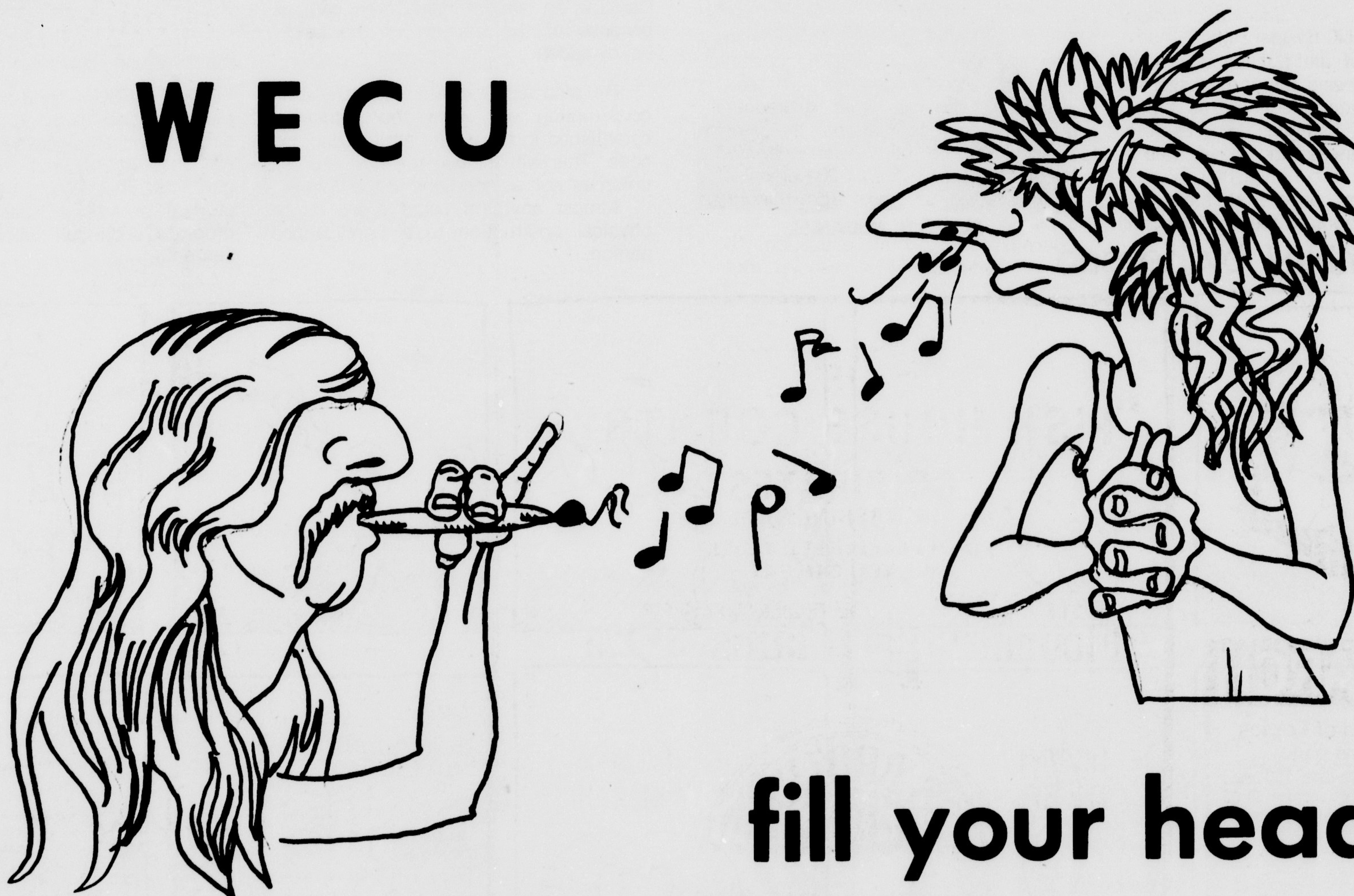
enough water to produce only 75 percent of the hydroelectric demand. In early October Oregon Governor Tom McCall signed a proclamation asking all schools in the state to close down for a full month around Christmas to save fuel. In Washington schools are trying to comply with Governor Dan Evans' mandate that energy consumption by state schools be cut by 10 percent.

Some of the steps being taken are reducing classroom and office lighting levels by 33 percent, reducing energy used in dorms, turning off security lights, reducing campus heating levels from 72 to 68 degrees, shutting off fountains and eliminating Christmas decorations as well as urging students to avoid using elevators, electric coffee pots, space heaters and hotplates.

The governor of Indiana recently

announced a series of energy conservation steps, including possible shutdown of state universities for two weeks this winter. However, exactly when and if the university will shut down is still speculation. Some of the energy saving measures taken in Indiana include large state cars being replaced by compacts, reduction of speeds at which state cars are driven and closure of partially-used buildings in state institutions.

The University of Texas is trying to reduce its energy consumption by 30 percent using similar methods. At many schools heating and ventilating units have been put on time clocks that will automatically lower the temperature by several degrees during the night, a savings of thousands of dollars annually, and students are urged to bring extra blankets.

**W E C U****fill your head**

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# 'Changes are needed' in grad education

A national panel of leading educators has issued a report calling for major changes in American graduate education.

In the report, entitled *Scholarship for Society*, the Panel on Alternate Approaches to Graduate Education questions the emphasis on research as the single criterion for evaluating all graduate schools with their faculties, and urges that all doctoral students spend time working outside university walls in areas related to their major fields.

More than 18 months of study by the panel preceded the report. The Panel was supported by two influential organizations largely representative of graduate school opinion - the Graduate Record Examinations Board, whose policies affect the entrance requirements of most graduate institutions, and the Council of Graduate Schools in the United States, whose 307 members include universities awarding 98 percent of the doctoral degrees in this country.

The 15-member panel was appointed by the two groups in the fall of 1971, with J. Boyd Page, president of the Council, serving as chairman. Educational Testing Service (ETS) in Princeton, New Jersey, provided administrative support under the direction of I. Bruce Hamilton.

In a preface to the report, Dr. Page notes that "new elements do need to be added to graduate schools, that significant modifications need to be made, and that horizons of concern need to be expanded if graduate schools are to meet fully the emerging needs of society."

The panel report recommends that:

- graduate school faculty be encouraged to take a wider view of their professional roles, and the decisions "for tenure, promotion, and salary increments no longer (should be) based on the single criterion of research and publication.

- more experts who may not possess the usual academic credentials be added to graduate school faculties. "Successful achievers in business and government possess gifts and experience that could be of immense influence in redirecting academic energies toward the servicing of social needs."

- more intensified efforts be made to

recruit able minority-group representatives and women to the faculties. "Statistics can be cited confirming that the politics of graduate education reflect the influence of a discriminatory society."

- often rigid institutional requirements, such as residency and fellowship policies, become more flexible to meet the needs of new groups of students: for example, part-time women students. "Graduate administrators and faculties must arrive at a new perception of the worth and dignity of 'recurrent' or 'intermittent' learners."

- every graduate student should be required to undertake discipline-related work outside the university if he has not previously done so to insure that no advanced-degree candidate graduates without exposure to real working situations.

- certain institutional policies be altered to allow faculty members more time to play a larger role in the solution of major societal problems. "It is a matter of recreating the graduate faculty as leaders in the search for a new understanding of the possibilities of human society and of recreating the graduate institution as one that is capable of counseling political and cultural leaders on ways of assuring meaning to the structural changes of society now in progress," the panel concludes.

The 20,000-word report cites "a cultural lag" resulting from an enormous increase in the past 50 years in the proportion of persons obtaining graduate degrees. While this increase, according to the report, has dramatically altered "the relation between the university and society as a whole," there has been little change in the self-conceptions of graduate departments in the same 50-year period.

Following its specific recommendations and suggestions for implementation, the report goes on to make projections about the future of graduate schools. Student populations, the panel forecasts, will be fairly evenly divided between the sexes; at least 20 percent of its numbers will be drawn from minority groups.

Because of recurrent education, the ages of students will correspond more

closely with those of the general population. It will be standard practice for students and teachers alike to examine

the social implications of projected research. Standards for measuring faculty performance will be applied to a great variety of professional activities. For instance, community activity could be part of the assessment process.

The panel also predicts that the graduate professor will become more of a "mentor and preprofessional counselor" through expanded use of new educational technology. In addition, significant lines of communication will connect graduate programs and schools of different functions with each other and with other institutions, such as two-year colleges and state education departments.

## Science triumphs again

One out of every five persons suffers from back pain and one of every 100 of these sufferers need surgery to correct the problem, usually a slipped disc. Now, says the December *SCIENCE DIGEST*, there is an experimental chemotherapy program that replaced the need for surgery and does a more effective job of correcting the back problem. After receiving injections of a chemical extract from the papaya plant, which dissolve the slipped disc without harming any other tissue, back pain sufferers recover in a matter of days and usually have permanent relief.

Senility, unlike old age, is avoidable, does not plague everyone over 70 years old and can even be reversed. The December *SCIENCE DIGEST* reports that with the help of such exotic devices as high pressure chambers or special reality

orientation programs, senility can be reversed at least for a while. Probably the best safeguard against senility, the experts say, is simply staying active and maintaining a lively interest in life all around you.

Acupuncture may not only be an ineffectual anesthetic but in certain cases is also a real health hazard. Some patients have died or suffered serious infection from acupuncture needles reports the December *SCIENCE DIGEST*. Studies made by experts at the University of California and New York's Mount Sinai Hospital show that at best acupuncture works no better than 50 percent of the time and should be used with caution usually reserved for anything experimental. It works best with patients who are highly susceptible to suggestion; and in most cases, an ordinary placebo, or sugar pill, would be just as effective.



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**Remedial reading clinic****Holmes helps with reading problems**

By ELERBE WILLIAMS  
Special to the Fountainhead

Students beginning college face two major problems which hinder their academic performance—a new social independence and a deficiency in reading ability. At least that is the conclusion which Dr. Keith Holmes, director of East Carolina University's remedial-reading clinic, has reached.

Holmes came to East Carolina 22 years ago from Cornell University where he had been conducting a reading clinic. Finding that East Carolina had no such program he immediately made one available.

The purpose of the course, which is offered every quarter, is to aid students who are having difficulty with basic reading skills. Holmes believes that many students who need the course do not realize it. "It isn't enough to be able to read. A student needs to increase his reading rate as well as his ability to comprehend."

Although the course stresses increased reading speed, Holmes emphasizes that it is not strictly a speed-reading course. Comprehension is vital to a student, and Holmes points out that it does no good to read a thousand words a minute if nothing is retained. Many students are unaware of basic structures and elements which give English a framework upon which the language is built.

Lack of proper high school preparation is cited by Holmes as the cause of poor reading ability, rather than some fault of the student. A student sometimes feels inferior if he thinks he needs the class. Many assume that since they are in college they should be proficient in reading. "It's nothing to be ashamed of. I can't play the violin worth a damn but that doesn't mean I'm stupid," Holmes says laughing.

SAT scores are the basis for determining which students need the course. Those students scoring in the lower 20th decil range receive a letter from the university explaining the course and how it would benefit the student. Holmes feels the SAT gives a reliable indication of the student's ability, however, there are

other students who need the course and it is available to anyone.

The course, Education 092, makes extensive use of charts and graphs, as well as a controlled reader, a pacing machine, which allows students to see words briefly before the words are swept off the screen. The students are forced to speed up eye movement as well as thinking patterns. The students are shown how to put words together that belong together into meaningful though units. "One piece of a jigsaw puzzle by itself would mean nothing. You have to combine the pieces with other pieces to form a whole. It's the same with words," Holmes explains.



DR. KEITH HOLMES

A practice reading book is also used which contains exercises that the students reads for main ideas as well as details. Vocabulary power is stressed, and numerous memory aids have been developed by Holmes which take basic units of the language such as prefixes and suffixes and use them as builders for more complex units. A free eye examination is also given to students who haven't had a recent one. Holmes has found that students with vision problems are severely hindered concerning reading speed.

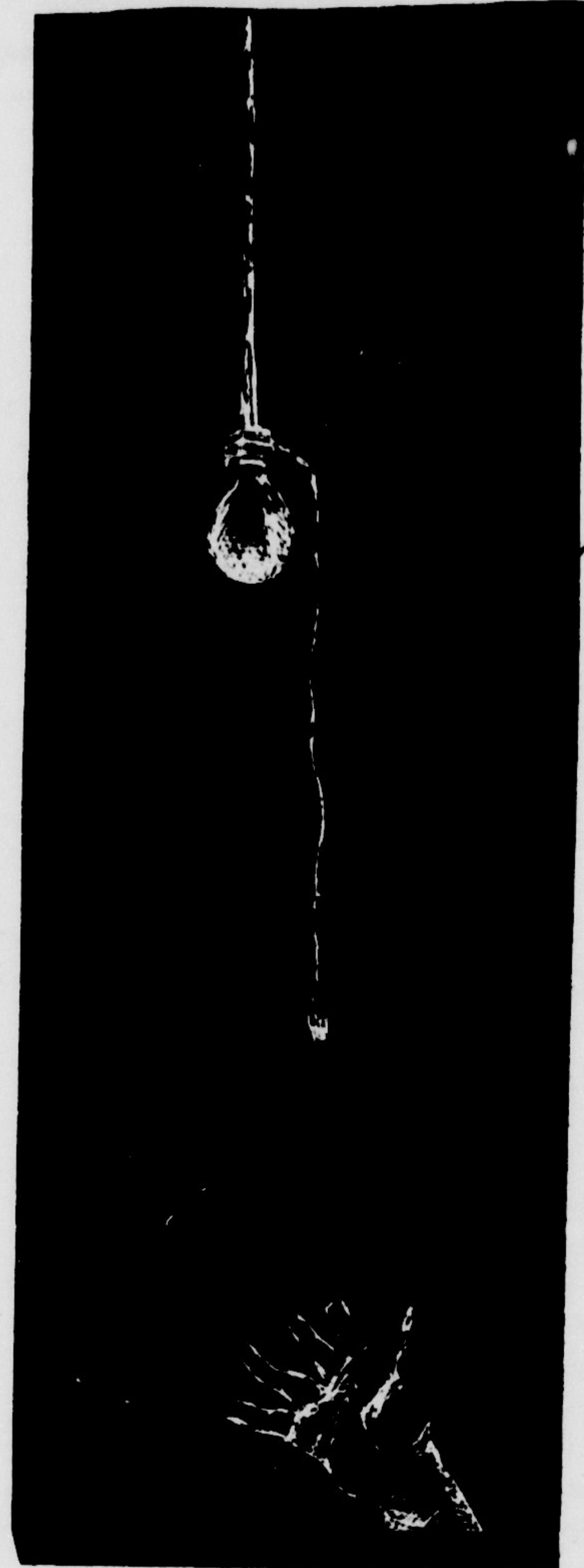
Although remedial reading does not

count as a course credit, the students do receive examinations, and a letter-grade does appear on their records even though quality points do not. Careful and detailed records are kept on each student to help determine ways of improving the course and to judge how helpful the course is. The students also submit unsigned course evaluations and suggestions by the students are often used in designing course programs.

Holmes is aided by two graduate assistants, Eugene Rivenbark and Judy Tedder, who do most of the in-class directing. Holmes attends the first few classes in order to give explanations and assist in organization.

Holmes is currently teaching the remedial reading course at the University of Virginia on weekends, and also at the Marine base at Cherry Point. Having done extensive research in reading improvement, Holmes feels that the program at ECU is comparable to similar programs at any other university. "We put a great deal of time and effort into our work. It is evident by the results we get," Holmes stated. Charts showing student improvement in speed and comprehension indicate the positive effect the course has had.

Holmes feels the course is essential in aiding students in developing their reading skills. Reading is a basic fundamental of all areas of study, and poor reading ability tends to significantly hinder a student in his effort to achieve maximum efficiency in academics.

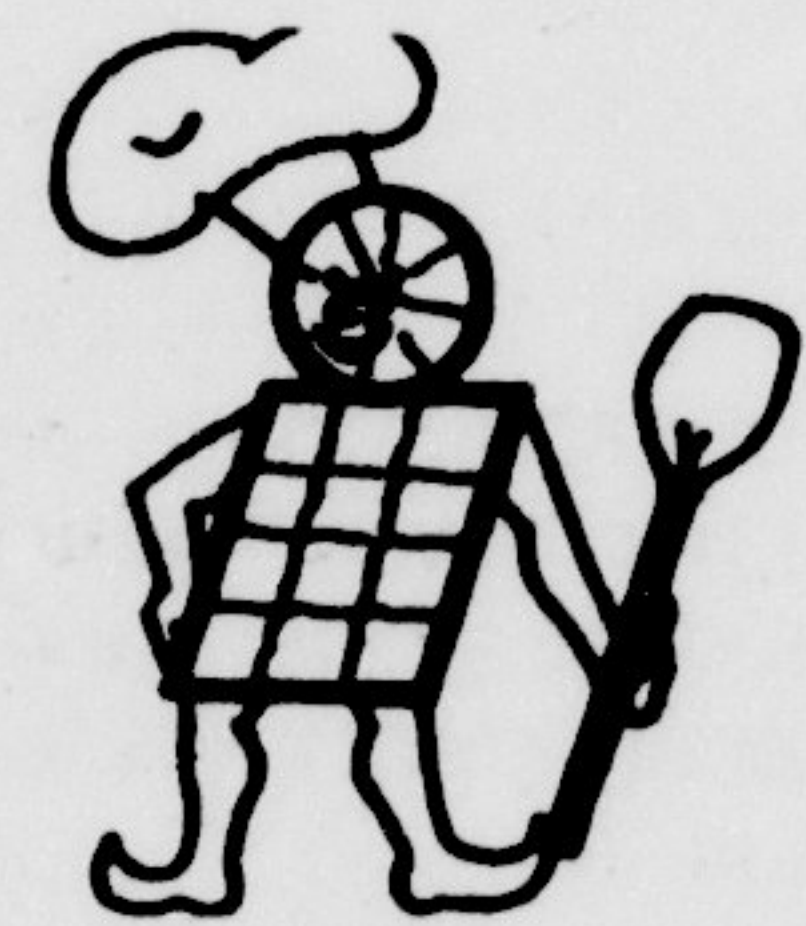
**Wow**

(CPS)—Researchers at Pennsylvania State University speculate that a steel or tin can discarded today should be completely broken down by the year 2073. A glass bottle might last until the year 1,001,972. Aluminum cans which are disposed of in 1973 should be degraded by 2113 and plastic wrappers by the year 2200.

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# Sports

## Coach hunting continues

By DAVE ENGLERT  
Assistant Sports Editor

East Carolina University is in the process of finding a new head football coach, and the impact of the loss of Sonny Randle has added an interesting flavor to the selection deliberations.

Time is of the essence in order that ECU may maintain some kind of relationship with recruits that were contacted while Randle was here.

In the first part of a two-part article (part two will be printed in Thursday's Fountainhead), one man's impressions on coach Randle will be presented, along with problems that confront him while the selection for a replacement continues.

This reporter was interested in a unique angle to present, so ECU Sports Information Director John Evenson was contacted to give his view of the situation.

Everyone seems to feel that Randle didn't like East Carolina and was only biding his time until a move back to his alma mater-Virginia.

"Randle was definitely interested in ECU," said Evenson. "He liked Greenville and so did his family."

After ECU won its second consecutive Southern Conference title, the rumors started flying about coach Randle.

"It was very interesting for me after spending four years in the newspaper industry. There was an incredible amount of speculating," related Evenson. "It was like a mini-Watergate. I never speculated as wildly and as frequently as many people did."

"For example," continued Evenson, "a Richmond TV station was reported to have talked to Randle eight or nine days before he left and supposedly found out that he had been offered a new five year contract here, when in fact they never talked to him."

"From our last game against Appalachian up until Randle left, there were 13 different times that he was reputed to have signed with Virginia. Estimates of his salary ranged from \$20,000 to \$40,000."

Fans saw Randle as the raging maniac on the sidelines, and his personality was rumored to be equivalent.

"Sonny and I had a few run-ins," stated Evenson. "But we always hashed everything out and I really learned to like him."

"On the surface he can be cold and callous. But if you crack that surface, he

is one hell of a nice guy."

Evenson was sports editor of the Tennessee Daily Beacon at the U. of Tennessee, and later worked as a sports writer for the Asheville Citizen before assuming his duties here. He is well experienced in the realm of college football coaches.

"I've been associated with many coaches, and that includes Bill Battle at Tennessee, the tail end of Doug Dickey there, Bear Bryant at Alabama, Jim Dooley at Georgia, Bill Pace at Vanderbilt, and Joe Paterno at Penn state. Randle and Paterno are at the top of my list," said Evenson.

"Both are excellent organizers, extremely dedicated, and both are unique football personalities," Evenson added.

"Randle may be a better organizer than coach. The fact that he took nearly the whole staff with him shows that. They made me a conference champ SID after three months—really helped me out a lot."

"I respect him, I consider him a good friend, and above all I consider him a winner," asserted Evenson.

"He's been called callous, nasty, hateful—you got to give the guy credit—he's won two conference championships and battled for himself and his players at the same time."

"If he doesn't win at Virginia, nobody ever will," concluded Evenson. "People like Randle thrive on tasks that seem almost impossible."

With the selection of a new coach by the committee appointed by Dr. Leo Jenkins still going on, leaks about possible choices disturb Sports Information Director Evenson.

"One of the most disturbing things is for it (the topics of discussion at selection committee meetings) to be general conversation in the city of Greenville two hours after the committee lets out," Evenson remarked.

"I've talked to Dr. Jenkins and Athletic Director Stasavich, and they wholeheartedly agree with me. It's really a shame—it's not fair to those who haven't been interviewed or those being considered who will not be interviewed," Evenson stated.

"By the time we pick a coach, everyone is going to know about it," said Evenson.

Part Two will conclude with a discussion on recruiting—how that situation looks from the eyes of some of the universities higher officials, and how the impact of losing Sonny Randle has affected them.

## To-Morrow's Sports

By JACK MORROW  
Sports Editor

### CLASS

When you mention people who have an abundance of class, one such person to be ranked very high on that list is Mr. Tom Quinn.

As evidenced in the following letter, Mr. Quinn certainly has character. The man maintains a combination which is hard to beat, he has all the qualities to be categorized as a nice guy and he is also a winner. That, my friends, is the mark of a successful individual.

Mr. Jack Morrow  
Sports Editor  
The Fountainhead

Dear Jack:

I read with interest your column "To-Morrow's Sports" (Fountainhead/Volumn 5, No. 20/4 December 1973.) In reference to the paragraph titled 'Thumbed', I want to offer sincere apologies if a member of our staff or I mistakenly asked you to leave the coliseum.

We had a couple of days of "closed practice" to prevent our being scouted by worthy opponents Duke and State. Had I recognized you, or had you come forth and let us know your identity, we would have given carte blanche treatment as we always do with the media.

Incidentally, we have been quite pleased with Steve Tompkins' articles and his willingness to take time out from a busy schedule to travel with us to Duke and North Carolina State.

Jack, should you wish to visit a practice or accompany us on a trip please do not hesitate to call me or get in touch with John Evenson. We are trying to work everything through the Sports Information Office if at all possible so that he can coordinate for the media.

Sorry for the misunderstanding, Jack. Meanwhile thanks for the expression of confidence in our young team.

Too, I want to take this opportunity to congratulate you and staff on what I consider to be the most indepth coverage in sports in the near decade that I have been reading the Fountainhead.

Sincerely,  
Tom Quinn  
Head Basketball Coach

### WHAT A WIN

How about those young Pirates, featuring four freshmen, three sophomores, five juniors and two seniors, beating the stuffing out of those experienced Wildcats. Certainly a super effort was exhibited by the men in the purple and gold. So two great big tips of the cap to Coach Tom Quinn, his staff and his ballplayers.

### BASEBALL

I have only two questions for the baseball world.

What in the world are the Los Angeles Dodgers going to do with Jimmy Wynn? (This reporter feels that a third team will later be involved in that transaction.)

Why did the San Francisco Giants give up on "Wonderful" Juan Marichal?

### CONGRATULATIONS

The first weekly Fountainhead sports award to the restaurant with the best looking waitresses is awarded to the Waffle Shoppe on Fourteenth Street. A cute, little blonde by the name of Sharon has been selected by our panel of "experts" to be the single most beautiful waitress of the week in Greenville.

Sharon will receive a free tour of Fountainhead's office "complex" accompanied by the bodyguard of her choice.

### CONTINUED SUCCESS

I continue to be pleased with the efficiency of the sports information office. John Evenson, Danny Whitford and their staff continue to produce top flight sports releases. Both quality and quantity are stressed.

I hope that the enthusiasm which ran rampant in the office during the fall sports will carry over into winter.

### SEASON'S GREETINGS

On behalf of Fountainhead's sports staff, I would like to take this opportunity to wish everyone a very merry Christmas and the happiest of New Years. May God continue to bless us with abundance.

## Women splash by UNC-G

Eric Order's women swimmers won 11 of 15 events Saturday and blasted UNC-G out of their own pool as they walked away with an 81-50 dual meet victory.

Linda Smiley and Beverly Osborn stole the limelight for the Pirates as they were both triple winners.

Miss Smiley captured the 100-yard individual medley, the 50 and 100-yard butterfly events and she swam on East Carolina's victorious 200-yard freestyle relay.

Miss Osborn was triumphant in the 50, 200 and 400-yard freestyle events and she also competed on the freestyle relay.

Double winners from Greenville were Linda Shull in the 50 and 100-yard backstroke events, and Cindy Wheeler in the one and three-meter diving

competition.

Other Pirates performing commendably were Angelo Pennino, who recorded her best times in the 100-yard freestyle and the 100-yard individual medley to finish second and third respectively. Mary McDuffie swam to her fastest times in the 50 and 100-yard breaststroke events. Timmie Pharr, Kathy Schlee and Peggy Toth also recorded their fastest times in their respective events.

Orders awarded the goal award for the most outstanding performance to Linda Smiley and the purple award for the most outstanding effort to Beverly Osborn.

The women, now 3-0 in dual meet competition, will have a long layoff before they return to competition against UNC-CH and Old Dominion on Jan. 19 at Minges pool.



# Davidson stunned by sizzling Bucs

By STEVE TOMPKINS  
Staff Writer

The word great is an adjective overused in sporting circles, but certainly it applies to the past week in ECU basketball exploits.

On Wednesday night ECU held the number two ranked N.C. State Wolfpack to 79 points and for all but 10 minutes gave State all the trouble they could handle before bowing 79-47.

Saturday night Nicky White poured in 32 points and ECU upset Southern Conference favorite Davidson 104-91, evened their record at 2-2 and established their credentials for the conference championship.

Against State, ECU's Roger Atkinson brought the ball up court which canceled Monty Towe's famed ball stealing ability.

With this ECU jumped out to a quick lead on a 15 foot jump shot by White and moved it to 12-7 on two free throws by White.

David Thompson, the only State player the Pirates couldn't stop, got two of his 28 points in tying the game 17-17.

Larry Hunt then got a clutch rebound to put the Pirates into their last lead at 19-18. Thompson continued his rampage and had 19 points at halftime giving State a 38-31 halftime lead.

The key to the game was the Pirates inability to effectively score in the first 11 minutes of the second half as the Wolfpack outscored them 26-4 during this period and went on to victory.

Coach Norm Sloan was greatly impressed by the Pirates.

"Every time we play East Carolina they've been well prepared and emotionally up for us. I thought they executed beautifully, in fact they whipped up on the boards in the first half and the beginning of the second half."

Coach Tom Quinn of ECU, who deserves great credit for molding a group of freshman and junior college transfers into an alert team, expressed dismay over the poor officiating in the game.

## Pirate JV swimmers

### roll to two victories

The East Carolina junior varsity swimmers emerged with two big wins on Saturday afternoon as they competed against Grimsley High School of Greensboro and Rose High School. The double dual meet saw the Bucs upset Grimsley, 54-40, and defeat Rose, 85-9.

Double winners for the Pirates included freshman captain Ross Bohlken and Charlie Hart. Bohlken captured the 200 and 400-yard freestyle events and Hart swam to victories in the 50 and 100-yard freestyle events.

Other individual East Carolina winners were Mark Puleo in the 100-yard butterfly, Ken Morin in the one-meter diving and Ron Hughes in the 100-yard backstroke. The Pirate's 200-yard medley relay also came up with a first place finish.

The baby Bucs are now 2-1, having lost their only meet of the season to the Solitar Swim Club earlier in the year.

All along the icy wastes  
They're faces smiling in the gloom.



PIRATE HEAD COACH TOM QUINN calls out instructions to his team in Saturday night's upset of the Davidson Wildcats. After Thursday's home encounter with Fairleigh Dickinson, the Bucs will be in holiday action at The Citadel December 15 and at Marshall December 29.

"I thought we were very fortunate that our players weren't injured with the under the board play which was allowed. I think you'll have to get further toward the West Coast to get any defense on Thompson or Burleson, from both an officiating point of view and a player view."

Davidson should have heeded Coach Sloan's words, "the rebounds were 37 apiece for the game, ECU came to play ball," when they invaded Mingos Coliseum.

The Pirates shot a fantastic 70.5 per cent from the field for the game, paced by

Nicky White's 20 second half points

The first half was very close, with the Pirates getting their first lead at 7-5 on a baseline jumper by White.

Kenny Edmonds stole the ball and passed it to Buzzy Braman who layed it up making the score 15 all, and Braman soon after stole an inbounds pass and scored making it 19-15.

Davidson fought back and Paul Wagner hit two free throws to make it 49-49 at halftime.

White put the Pirates ahead at the start of the second half and Braman put

ECU in the lead for good with a jump shot making it 57-51.

Roger Atkinson saved his heroics for the final half. Besides scoring 13 points he made a key steal with 4:10 to go when Davidson was threatening to take the lead making the score 90-85. The Pirates coasted the rest of the way 104-91.

Assisting White and Atkinson's scoring were Braman and Robert Geter with 14 points each and Donnie Owens with 13.

Other Pirates scoring were Kenny Edmonds with 4, Reggie Lee and Larry Hunt with 3 each, and 2 points each to Randy McCullen, Al Edwards, Tom March and Lee Blackley.

Coach Quinn gave great praise to the defense of his young ball club.

"Our defense won the game for us. Our pressure defense opened up our offense for us, and we continually scored against Davidson's press. We outscored them by 28 points from the floor. I feel we got a big win early due to hustle and team play."

East Carolina next faces Fairleigh-Dickinson on Thursday night at home, and then begins a long road trip starting Dec. 15 at the Citadel.

## 1973-74 BASKETBALL SCHEDULE

Nov. 30	UNC-WILMINGTON
Dec. 1	at Duke
Dec. 5	at N.C. State
Dec. 8	DAVIDSON
Dec. 13	FAIRLEIGH DICKINSON
Dec. 15	at The Citadel
Dec. 29	at Marshall
Jan. 4-5	at Presidential Classic American Univ., LeHigh, George Washington
Jan. 9	at Richmond
Jan. 12	at V.M.I.
Jan. 14	APPALACHIAN STATE
Jan. 19	at William & Mary
Jan. 23	ST. PETER'S
Jan. 26	V.M.I.
Jan. 28	FURMAN
Jan. 30	OLD DOMINION
Feb. 2	at Furman
Feb. 6	BUFFALO STATE
Feb. 9	WILLIAM & MARY
Feb. 11	at Appalachian State
Feb. 16	at Davidson
Feb. 20	RICHMOND
Feb. 23	THE CITADEL
Feb. 27	at Southern Conf. Tourn. (Richmond)
Mar. 1-2	Home Games In Caps
	Home Games — 8:00 P.M.

# Wrestlers improve showing against AIA

By DAVE ENGLERT  
Assistant Sports Editor

Saturday in Raleigh the East Carolina wrestling team rebounded with an excellent performance against Athletes in Action, despite coming up on the short end of a 20-17 score.

Coach John Welborn was disappointed with his team's first encounter with AIA last Monday in Greensboro, and promised then a better showing in Raleigh.

"I don't know if it was the TV exposure or what, but I was a little disappointed in that first match," said Welborn.

"I thought we could wrestle a lot better, and this time we did," continued Welborn. "The team was vastly improved."

Last Monday Welborn was disturbed at the manner in which some of the Pirate wrestlers lost, not that they lost their individual matches. Saturday they re-

versed their performance.

"Bill Hill did an excellent job getting a draw against Greg Hicks, who is a two-time national champion. Mike Radford also did a fine job against last year's Olympic silver medalist John Peterson. All the boys did a great job—it was a much better performance," analyzed Welborn.

## SUMMARY

118—Jim Blair [ECU] won by forfeit.  
126—Paul Johnson [ECU] won by forfeit.  
134—Milt Sherman [ECU] dec. Ku Mu Chung, 5-4.  
142—Reid Lampore [AIA] dec. Tom Marriott, 7-6.  
150—Dick Pollack [AIA] dec. Jack Stortz, 4-0.  
158—Mark Dymond [AIA] dec. Bruce Hall, 5-2.

167—Bob Kuhn [AIA] dec. Ron Whitcomb, 6-5.

177—Bill Hill [ECU] and Greg Hicks drew, 1-1.

190—John Peterson [AIA] dec. Mike Radford, 6-2.

Hvt.—Mike McCready [AIA] dec. Willie Bryant, 6-2.

The match was taped by WRAL, Channel 5, for a showing in this area on December 22.

The Buc grapplers will take part in three tournaments over the holidays. First they will compete this Friday and Saturday in the Georgia Tech Intercollegiate Tourney in Atlanta. Next they journey to Rockville, Maryland, to compete in the Maryland Wrestling Federation Tourney December 21 and 22. After Christmas they will wrestle in the Wilkes Open Tourney, to be held in Wilkes-Barre, Pa., December 28 and 29.