

# Newspeak

The student newspaper of Worcester Polytechnic Institute

Volume 4, Number 22

Tuesday, November 30, 1976

## W.P.I. employée saves life

by Craig Vickery

An early afternoon fire did moderate damage to a house at 32 Schussler Road last Tuesday. The house, owned by Everett J. Wood is across from Sanford Riley Hall. Lt. Karrytais of the Worcester Fire Dept. believes that the fire was caused by a pile of rubbish that was close to the oil burner. The fire caused heavy damage to the cellar, with smoke and water damage to the upper floors.

The fire was discovered around 2:20 p.m. by a WPI student who reported it to WPI security. The fire department was called and Officer Gene Supernor was dispatched and the first on the scene. When asked what he saw when he first arrived he said simply "Lotsa smoke." Soon after his arrival, Officer Paul Ciance of the Worcester Police pulled up. Ciance attempted to enter the house to see if anyone was inside but "the smoke was too

thick. I could only stay in there 30 seconds." At this point "Lindy" Lindberg, a part time employée at WPI and a fireman with Engine 4 of the Worcester Fire Department, entered the house and made a search for occupants. Lindberg had been on his way to Gordon Fuller's office, had seen the smoke and went to help. Officer Ciance estimated that Lindberg was in the house about 10 minutes before he came out with Mr. Wood's son, who was recovering from an operation. Lindberg said he found Wood walking around the living room "in a daze." Soon after, the fire department arrived, a full first alarm attachment consisting of engines 3 and 4, Lindberg's own company. The fire was quickly extinguished and the basement cleared of debris out onto the front lawn where it was hosed down to kill the hot-spots. The Woods are temporarily staying in WPI owned housing on Trowbridge Rd., and the house has been boarded up.



Photos by Mark Hecker

## Student assaulted

by Rory O'Connor

A WPI student was seriously injured on November 14. Mark Pappas, '80, suffered a broken jaw on both sides, a concussion and severe bruises in the attack.

According to Pappas, he attended a house party at Sigma Phi Epsilon fraternity the night of November 13. He left after midnight with Holly Mekker, '79, to escort her home. Pappas says he was approached

by three men, one of whom remarked that he liked Pappas' hat and took it from his head. Pappas approached the assailant to retrieve it and was punched and knocked to the ground. He got up and received another blow which rendered him unconscious. Ms. Mekker proceeded back to the fraternity house and located some brothers who assisted Pappas. He was brought to the hospital where his jaw was wired shut. He remained there for six days. His jaw will remain wired for five weeks.

**There will be a  
Student Government meeting in the Wedge  
at 7:00 p.m.  
on Thursday, December 2.**

## Nader speaks at Clark

by Chuck D'Ambra

Over 700 people listened to a very interesting, witty and inspiring talk by Ralph Nader, at Clark University last Monday, November 22.

Mr. Nader spoke on the interactions between corporations and people as consumers, citizens, shareholders, taxpayers and employees. He said that no institution in our society can have coercive power without the consent of the people. Corporations obtain a consensus from the people because of the demand for their products and services. This is flawed by monopolies, some of which are legal, and by hidden dangers in the product.

Most people view the product exactly the way the corporation wants them to. For example most people consider the metal ornaments and protrusions on cars as elegant and stylish. The other way to see these things is to look at what these things do.

Mr. Nader told the audience what consumers must reason for themselves on the safety and effectiveness of a product, since government performance has been poor. For example, the drug progesterone was proven to be hazardous to pregnant women and to have no medical value in 1973, yet it is still on the market.

Pollution, which we are all forced to consume in the air we breath and the water we drink, was labeled "a silent, cumulative violence." Over 80 per cent of all cancer is caused by environmental sources, yet few people complain. Mr. Nader gave the hypothetical example, what if you woke up one morning and everything was painted red? Everyone would complain even if they were told it was harmless. People don't protest environmental cancer because there is no immediate effect.

Next, he talked about public and private damages caused by corporations in their

[continued to page 3]

## Newspeak Elections

Nominations are now open for the following positions in the WPI Newspeak Association:

### Editorial Board Members

Editor-in-Chief  
News—Features Editor  
Photography Editor  
Sports Editor  
Business Manager

AND

Advertising Manager  
Graphics Editor  
Circulation Manager

Persons nominated must be members in good standing and of one year's service unless exception is made by the Editor-in-Chief. Nominations must be submitted IN WRITING by 4:00 p.m., Tuesday, Dec. 14, 1976. Elections will be held at noon Thursday, Dec. 16, 1976, in the Newspeak office in Riley Hall. Only members of the Association as defined by the Constitution are eligible to vote. Copies of the Constitution are available upon request.



## Editorials: The digital jungle

In last week's Staff Opinion box, Craig Vickery said, "Computers don't make mistakes, but they are one of the greatest tools known to mankind for helping him make mistakes." A recent bout with a computer owned by the State of Massachusetts has convinced me that these words should be cast in bronze and hung above the door of WACCC, to remind all computer worshippers of their fallibility.

My unending struggle began last February, when I sent in an application form to the Massachusetts State Scholarship program. About three months later, I received a letter, stating that I hadn't turned in the form needed, and that I had two weeks from the date given above to supply them. Looking at the date, I was shocked to see that I had only one day in which to apply. I copied the document, which I had already sent to them, and sent it off to Boston, along with a letter explaining the situation that same day. Another month passes and I received another letter from the Scholarship Program saying that they still hadn't received the form, and that I was no longer under consideration in the program. Absolutely no mention of the letter and the copied document was made!

Since then, the Financial Aid Office has contacted Boston supposedly correcting the "computer error" involved in my case. Last Friday, I received what I thought was, at last, confirmation from the state. Now, however, the State's computer has me attending the University of Lowell! Again, no mention of the letters I sent, or apology for the delay. In speaking with other students, I found that I'm not alone in trying to unravel the magnetic tape mess created by a machine, frustrated in never getting my letters read, and being treated as six holes in a punch card. Maybe Craig was right. Anybody got a spare HP-65 he could lend to the State?

Tom Daniels

## The risk . . .

When fire broke out in the house on Schussler Rd., there wasn't much time for thought — the situation demanded quick action. A life was saved because another was risked to save it. It takes a special kind of person to disregard his own well-being for that of others; the drive to live is strong in humans. Mr. Lindberg was not equipped with any special gear; even the police said there was "Lotsa smoke." Yet he went into the house to save another. This is a quality which sets him apart from ordinary men. I can only say that I am proud to know him.

Rory J. O'Connor

## "The fire gone, he quit"

In the immortal words of the immortal Dave Cowens, "I just lost my enthusiasm for the game. That's all I can say ...."

the mortal arthur j girard  
(soon-to-be former)

Newspeak Graphics Co-Editor

## Letters: Spending priorities

The article by C. Vickery entitled; "Pub Stereo System Discussed," causes us to grit our teeth in disgust. The first two paragraphs discuss the stolen components of the infamous stereo system in the Pub. In these paragraphs our Social Committee chairman, Mr. Cunningham, is quoted as saying that replacement "money is not a factor," and that there is enough money to buy new components. Perhaps Mr. Cunningham has led a charmed life up to this point, but some of us students have had to work damn hard for what material possessions we have. It is exasperating to hear someone who is in control of your hard earned money say that money is not a factor. A good portion of the students at WPI have been brought up in a high economic background, developing careless and irresponsible attitudes toward monetary management and spending in general.

A question that is foremost in our minds is why replacement of the Pub stereo must necessarily come from Social Committee funds? It appears to us that it was stolen due to the negligence of the Pub staff. Whether or not this is true, we feel that the Pub is primarily responsible for the stereo system, just as they are responsible for the tables, chairs, and the rest of the facilities in the Pub. Indeed, if the music system was to be removed, the attendance and proportionately the profits would sharply decline, especially on Wednesday nights.

Furthermore, before any money is spent from any source, some very vital questions should be publically answered. Questions such as who is responsible for the stereo's disappearance? What precautions were or were not taken to safeguard the stereo system's security? Whose responsibility was the stereo's security in the first place? We too often read in the weekly issues of *Newspeak*, under "Campus Police Blotter" of all the crimes on campus. What we don't read is what is being done to curb such subversive activities, in particular, what actions are being taken to answer the previously raised questions?

Although we are very concerned about the financial implications of the stereo theft, it serves to point out one facet of the irresponsible spending carried out here at WPI. Other areas of contention are the renovation of Salisbury, evacuation of Boynton, the "Greening of the campus",

and-blasting paint off the parking lot, trimming full grown trees behind the gym, the condition of the athletic fields, etc.

Granted, Salisbury Lab needed renovation, but when the contractors packed up and left, what was really renovated? Among the things changed were carpeting, old brick and fixtures painted nursery school colors, and the usual WPI exhibition of wasted money. Two primary areas that were not included in the renovation were: 1) The replacement of the old loose fitting, wooden window frames with modern energy saving thermopane glass and frames. 2) The lowering of the ceilings to greatly conserve on heat energy.

The next area of contention is the greening of the campus, including the maintenance of the athletic fields. What we have seen is an exorbitant amount of money spent on the grounds in and around Salisbury. What we have also seen is the athletic fields, and in particular the soccer field, deteriorate to the condition of a gravel pit.

Boynton Hall has been declared unsafe. We don't doubt the truth in this or that immediate renovation is needed. We also don't doubt the expense in moving the various offices all around campus. While Salisbury got all the attention, Boynton crumbled. The damage suffered by Boynton Hall was not incurred overnight, but happened over a period of time. Who knew about it, if anybody? Why was its condition allowed to advance to a point where total evacuation and renovation was necessary?

In conclusion, we feel that the spending of school funds, including student funds, have been done in an unreasonable manner and do not reflect the best interests of the WPI community. We also feel that the students and faculty are left in the dark concerning school income and expenditures. We suggest that, just as any large company reports its financial actions to its investors, WPI should also produce a report of each year's income and expenditures in detail. This report should be made available to students, alumni, and any other group who contribute to the income of the school.

Mark E. Watson '77  
Mark W. Popham '77  
William E. Taylor '77

## Newspeak

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## Student Talent Nite in the GOAT'S HEAD PUB

Thursday, December 9

DJ's & Judges: Dave O'Gara  
Chris Roberts  
and MR. X

**Fraternities Take Note!**

Chugging: 3 events

1) Teams — 5 man

2) Kangaroo Kicker

Winner gets one-way ticket to Outer Regions of Australia,  
courtesy Atlas Distributors

3) 4:11, record for a 7 oz. beer, must be broken.

**Trophies for all Winners**

Last year's winner: Lambda Chi  
Get address in to Chris Corpuz, Box 2646

Yes, I am talented! So good that I can win in — min.

Name \_\_\_\_\_

Type of Act \_\_\_\_\_

Box No. \_\_\_\_\_

Name of Act \_\_\_\_\_

(Acts limited to 20 minutes)



# Ralph Nader

[from page 1]

quest for profits. The same old excuse is always given: we have to do it or people will lose their jobs. We should examine this proposition and consider three questions: 1) Is pollution harmful? 2) Is the technology available to solve our pollution problems? and 3) Can corporations afford to use this technology? The answer to all three is a resounding Yes! He said that civilization should allow no pollution until all profits have been spent to remove it. A double standard currently exists between nuisances caused by neighbors and corporations. The Mississippi River, the world's greatest sewer, is a source of drinking water for people at the southern end, but no person could get away with repeatedly dumping garbage on your property.

People are protected from government abuse by the constitution. There is no constitutional protection from corporations. Our society needs to educate people to stand up for what they believe is right. It has always been one or two individuals who expose the truth in any scandal. The proposed employees bill of rights would give the freedom to do this without fear of losing their jobs.

Another piece of legislation he advocated would give citizens the right to initial legal action. People no longer trust

government because of corruption. After a certain point, you are no longer shocked. The resources are available to reverse this trend. It requires sufficient citizen determination and education for citizen involvement.

While everyone wants a job, he asked if you are supposed to leave your conscience at home when you go to work? Many people do. Nader believes the best work you can do is that which brings out your sense of values.

He then asked how much time should a citizen spend on his or her civic duties? Some people spend no time at all; they don't even bother to vote. Most people, especially students, should devote some of their free time to some project which interests them. Since a good portion of the time people work is for paying taxes, citizens should devote some time to seeing that they get something for their time and money. Mr. Nader pointed out that students have an excellent opportunity to get involved through the PIRG's across the country.

After his talk, Mr. Nader answered questions for about an additional hour. He was moderately optimistic about the new Carter administration and thought that some new consumer protection, environmental, and citizen rights legislation would be passed in the next four years.

# Technicon V

by S.B. Fine

Technicon V is WPI's own science-fiction convention held during Intercession, January 20 through January 22. It is run by the WPI Science-Fiction Society with much help from Harriet Kay of the Intercession Office and Bill Carton, a WPI graduate. A science-fiction convention is an occasion where science-fiction fans and authors and experts gather to meet and discuss their favorite subject S-F.

Technicon V meets that definition well. This year's Guest of Honor will be Jerry Pournelle. Dr. Pournelle is an engineer, psychologist, historian, and writer. He has worked on the Mercury, Gemini, and Apollo space projects and knows much of the inner workings of these projects. He has also co-authored with Larry Niven *Mote in God's Eye* and *Inferno*. He is now collaborating with Niven on some new novels. He has written *Spaceship for the King* and *West of Honor*. He is now science editor of *Analog* magazine. He can and probably will talk on anything from science fiction to dolphins and whales to black holes and neutron stars.

But Technicon is not just the Guest of Honor. There will be discussion groups run by students on solar energy, Star Trek,

Larry Niven, Anne McAffrey, and various other topics.

Three science-fiction movies will be shown during Technicon V. The Man in the White Suit will be shown the evening of January 21 after the Guest of Honor speech. Forbidden Planet and Doc Savage will be shown Saturday, January 22 in the evening. Everyone signed up for Technicon will see the movies free while the general public will be able to see the movies for a \$1 admission. Technicon V will have some new features this year and old but revived ones. In the tradition of Technicon III some fans from NESFA will be giving talks at Technicon V. Among these will be the founder of Technicon, a reviewer of science-fiction books and movies. The man who was chairman of the prestigious Boskone convention in Boston and various others. New features at Technicon will be an art show of art purchased at other science-fiction conventions and original art by consortium students, and there will be a filksing, which is a folksing using science-fiction themed songs.

It is not too late to sign up for Technicon V. It is unlimited and free. The more people there are the better the convention will be.

# Eviction disputed

by Rory O'Connor

In a Campus Hearing Board case last week, Dean of Student Affairs Donald P. Reutlinger was prevented from evicting Gary Davis '78 from his Stoddard residence. Davis was being evicted for allegedly running a business from his room in violation of the General Covenants For Students Residences.

Reutlinger alleged that Davis was an agent for several businesses, specifically Natural Sound of Framingham Massachusetts; Dialcom of Maryland, a timesharing firm, and Potomac Software, later claimed to be a name invented by Davis and not an actual business. He allegedly spoke to Davis on several occasions to warn him of eviction, but Davis maintained that he had no connections in a business sense with these firms. Davis received a notice of eviction and filed a case with the campus hearing board against Reutlinger to prevent his eviction. During the hearing it was brought out that Davis had several telephones in his single room, and that they were alleged by Reutlinger to be used in business ventures. Davis denied this, claiming that one was a personal number, one was used by him to take messages for

Natural Sound, and one was a Boston line used to contact a computer for Dialcom, a firm in which he is a salaried employee. Davis also claimed that Potomac Software was just a title he had invented to allow him easier access to computer literature. Reutlinger pointed out that Davis had a business card with this firm name on it, but Davis replied that it was merely a convenient way to let his friends know his address and telephones. Davis claimed that he sold no product of service from his room, received no commission from Natural Sound, and was a salaried employee of Dialcom and it was not a business venture.

The board found that the eviction was not proper and that it violated Davis' individual rights and privileges as defined by the campus code. In a separate communication to Davis after the verdict, Reutlinger stated that he disagreed with the facts and findings of the CHB, but would not "at this point in time" carry out the eviction. He also stated that he was electing not to appeal on the grounds of Campus Code Article IV, B, 8(b), "Insufficiency of evidence to justify the findings."

# Police blotter

On Tuesday November 2, 1976 at 6:15 p.m. a WPI Employee called to inform Campus Police that a group of students took a large flagstone.

On Friday November 5, 1976 at 5:20 p.m. a complaint was received by Campus Police from persons residing next door that WPI students are becoming a nuisance to neighbors due to loud music (mostly drums) swearing and partying till late hours of the morning.

On Friday November 5, 1976 at 5:15 a.m. Campus Police Officers while on patrol at about 3:30 p.m. observed three youths enter the middle doors of wedge with signs under their arms. The student was apprehended and had two street signs with him — names of other two persons could not be gotten.

On Saturday November 6, 1976 at 10:10 p.m. a call was received at Campus Police regarding five unknown persons sprayed students and machine at the Daniels terminals. Fire extinguisher was taken from entrance to bookstore.

On Tuesday November 9, 1976 at 5:20 p.m. a student reported his car stolen from Institute Rd. about 10P-LA on 11-8-76. Worcester PD contacted.

On Tuesday November 9, 1976 at 9:35 p.m. a call received at Campus Police regarding a student who had fallen from

the fourth floor of Sanford Riley — Worcester PD and Worcester Ambulance contacted to transport injured student. Taken to Hahnemann Hospital and later transferred to Memorial Hospital.

On Wednesday, November 10, 1976 a student reported while at the gym yesterday between 2P-3P he left an SR Calculator on top of locker — same is now missing.

On Friday November 12, 1976 a student came into the Campus Police to report the theft of equipment from his office — same occurred between 12N-3P on 11-9-76 and is valued at about \$450.00. No break into door.

**Wheat Straw Art Cards — 75¢**

**Children's Books — \$1.00**

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## INTERSESSION

If you wish to register or make a change in your schedule, see Harriet Kay, Washburn 300, any morning. Or call Ext. 591. Lots of courses are still open.

## REMINDER

There will be Mass. PIRG forum on Wednesday, December 1, at 4:00 p.m. in the Wedge. All are invited.

## Skeptical Chemists Meeting

4 p.m. Thurs., Dec. 2 GH227

Speaker: Dr. Michael Davis (WPI '62) of Harvard Medical School

Topic: Careers for Chemists in Medicinal Chemistry

Refreshments will be served.

## PRETZEL BOOTH

Open Daily from 8:00 a.m. to 4:00 p.m. Salisbury Commons, under the TV

25¢ per pretzel

Sponsored by the WPI Glee Club

SAM-SAE Presents

## "Summer Employment For Juniors"

Speaker: Dean Trask, along with 5 Seniors who worked last year for large companies

Topic: "Interviewing and Choosing A Company"

Monday, December 6 at 7:00 p.m.

Olin 107

Refreshments will be served.

## ANNOUNCING

## Happy Hour

Fridays from 4 to 7 in the Pub.

35¢ draft beers —

Free munchies: popcorn & potato chips  
Your Bartenders: Judy Scherben & Mark Bettke



# Environ Nuclear waste disposal

by Mark Kelsey

Today, we face a very perplexing problem on how to dispose of nuclear waste. Currently, the Energy Research and Development Administration (ERDA) is trying to figure out how to dispose of nuclear waste so that future generations will not come into contact with it.

Our present commitment to nuclear power development prompted one citizen's guide of the Natural Resources Defense Council to say, "It may be tragically shortsighted to take the irrevocable step of generating wastes now on the assumption that a solution to the threats posed will be found in the future." Also, Dr. Terry Cash, coauthor of the guide and scientist for the council stated that there is no proven disposal method for any of the several forms of nuclear waste.

This failure to properly dispose of nuclear waste has prompted worries over the possible effects of nuclear wastes on people. The main worries are about the cancer-causing and mutation-causing potential of small amounts of certain

radioactive substances. For example, if a person inhales only a tiny particle of plutonium 239, cancer may develop.

Presently, there are many problems associated with our present methods of nuclear waste disposal. For example, in Hanford, Washington hundreds of thousands of gallons leaked out from storage tanks for nuclear waste.

However, commercial nuclear power plants have received more attention. Wastes are six times more radioactive than the waste from the government's weapon making operations. These plants produce so much nuclear waste that ERDA projects 75,000 canisters (one foot in diameter and ten feet long) will be filled by the end of the century. Yet, the problem of low-level radioactive waste disposal has been overlooked. For example, in Ontario, Canada the federal government launched a search several months ago for 2,000 contaminated concrete blocks used in an old uranium refinery. The company blamed for this, Eldorado Nuclear Ltd., was a government-owned miner and refiner of

uranium. This company was criticized as far back as ten years ago for haphazard waste handling techniques. Conflicting interpretations and a degree of secretiveness have hampered efforts to solve this problem.

There is a serious lack of knowledge about low-level radiation and its effects. This lack of information has contributed to radioactive pollution. For example, at the beginning of this year, radiation detectors were scouring the streets of Port Hope, Ontario because unexpected radiation from building materials and landfill caused bone marrow "abnormalities" in several people. Also, at this time, the Environmental Protection Agency announced that toxic plutonium was percolating through soil from a Maxey Flats, Kentucky burial site for radioactive wastes.

Now, you may wonder how nuclear waste is produced from the nuclear process. The nuclear process uses a uranium oxide for fuel and creates fission products like strontium and cesium from the atomic nuclei split. Then fission byproducts are also produced like plutonium which is created when the nuclei capture the neutrons generated in fission. Finally, the fission products and byproducts are removed from the reactor as radioactive waste. From this radioactive waste at least three elements pose great dangers: plutonium 239, strontium 90, and cesium 137. Strontium and cesium are hazardous for 600 to 1,000 years while plutonium has its hazardous life of waste extended to 250,000 years.

As a result of the radioactivity and toxicity of these elements there have been problems of waste containment. Liquid containment is one of the most dangerous ways of storing nuclear wastes. The liquid is vulnerable to dispersal if a container leaks. There have been three suggestions for temporary storage of nuclear waste by the Atomic Energy Commission. The first one is a vault where fuel is allowed to cool in water basins so that the water will provide a heat sink and radiation shield. However the mechanical cooling system for the vault must be kept in operation for the life of the facility. The second suggestion was for nuclear waste to be

kept in underground storage vaults where air is allowed to circulate through the vault. The third suggestion was the construction of independent concrete cylinders 19 feet high and eight feet in diameter arrayed on level ground and covered with gravel. This Retrievable Surface Storage Facility (RSSF), if constructed, would probably be located at either ERDA's National Reactor Testing Station in Idaho, the weapons testing ground in Nevada, or at Hanford, Washington. Critics of the RSSF point out the funding and watching of the facility will be necessary, but ERDA points out the necessity of the RSSF as an alternative should geological storage schemes fail.

In these geologic storage schemes there are two proposals. The first proposal is for nuclear waste to be stored in deep formations of dry granite rock 3,000 to 5,000 feet below the surface. The second proposal, although it needs more research, is for disposal of nuclear wastes in salt beds in the seabed underneath the ocean. However, environmentalists from the Natural Resources Defense Council point out the problem of human error. If the site selection is poor or the containment structures are faulty, the radioactive wastes will leak out.

Therefore, I must conclude that we need to dispose of nuclear wastes in one of two ways. The first method of disposal, that of putting the nuclear wastes in salt beds underneath the floor of the ocean, would be a good solution to the problem if site selection was good and containment structures were leak-proof. The second method of disposal, although it may be a little hazardous and expensive, would be to send the nuclear waste out into space via a well constructed rocket. Both of these methods of nuclear waste disposal are expensive and require use of advanced technology, but our technology was used to put us into this mess so we can use our technology to get us out of it. Now you know why a moratorium has been placed on nuclear power plants.

Sources:  
Current, Volume 181, pp. 34-41.  
Business Week, Number 2417, p. 17.

WCUW  
91.3 FM

## LOBE LIGHTS

Program highlights for week of 11-29-12-5

Wed., 12-1 — 11:15 p.m.

**CREATIVE LINEAGE: "ART OF THE TROMBONE"** This first part of a two part series involves the range of sounds produced by Roswell Rudd and Grachan Moncur. They have recorded with artists Roscoe Mitchell and Archie Shepp.

Thurs., 12-2 — 10:00 a.m.

**RAPS & RHETORIC: "SOFT VOICES AND BIG STICKS: BIG BUSINESS AND THE THIRD WORLD"** Three experts are interviewed in an attempt to examine the attitudes and actions of the multi-national corporations who operate in the Third World.

Fri., 12-3 — 8:15 p.m.

**DOES IT MATTER IN OKLAHOMA? "SNEAK PREVIEW"** Members of San Francisco's black theater, Grassroots Experience, perform this irreverent radio satire which comments on subjects ranging from race relations to social science to Hollywood.

Sat., 12-4 — 7:30 p.m.

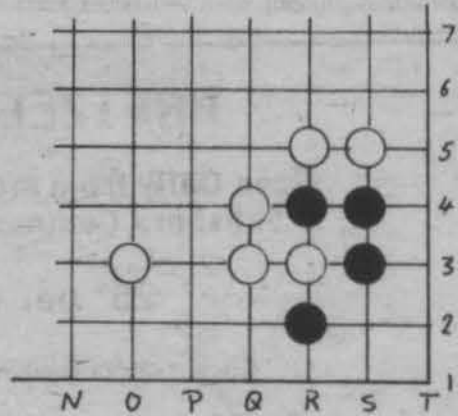
**SATURDAY NIGHT CONCERT: "KING CRIMSON"** Recorded in Amsterdam in 1974, this exceptionally high-quality tape includes extended versions of "21-Century Schizoid Man" and "Starless."

## GO - GO - GO -

How can black save his threatened group?

Black's Move

Send answer to W. Eggmann, EE and come to our weekly GO-session in Physics Library, every Friday at noon. Bring your lunch and GO-board.



### NOTICE

Highway Design CE-3053, which is normally offered in Term B of alternate odd-numbered years (1977, 79, etc.), will be offered in Term C, 1977 pending adequate student demand. Watch for further announcements relative to the schedule. For more details contact: R.W. Lamothe, Dept. of Civil Engineering, Kaven - 107, Tel. Ext. 262.

DEPARTMENT OF CIVIL ENGINEERING

## 1976-1977 Colloquium

### "Stochastic Approaches to Analysis and Design"

Speaker: Robert D'Andrea, Civil Engineering Department, WPI  
Topic: "Probabilistic Approaches To Soil Stability Problems"

Wednesday, December 1, 1976

4:00-5:00 p.m.

Salisbury 105

**SHOWCASE CINEMAS FALL MONEY-SAVING FILM FESTIVAL!**

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Sat., Sun. 2:00, 4:30, 7:00, 9:30

**TWO MINUTE WARNING**

Mon.-Fri. 2:20, 7:15, 9:35  
Sat., Sun. 2:30, 4:50, 7:15, 9:35

**"CARRIE"**  
If only they knew she had the power.

Mon.-Fri. 2:00, 7:30, 9:30  
Sat., Sun. 2:00, 4:00, 6:00, 8:00, 10:00

**"The Erotic Adventures of Pinocchio"**

POSITIVELY NO ONE UNDER 18 TO BE ADMITTED

Mon.-Fri. 2:10, 7:00, 8:40, 10:20  
Sat., Sun. 2:00, 3:45, 5:15, 6:45, 8:25, 10:05

COMING FOR CHRISTMAS  
Pink Panther Strikes Again — Peter Sellers  
A Star Is Born — Barbra Streisand Silver Streak — Gene Wilder  
The Enforcer — Clint Eastwood

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**MARATHON MAN**  
A thriller

BARGAIN + MATINEES \$1.50 TODAY UNTIL 2:30 P.M.

M-F 2:00, 7:20, 9:40  
Sat., Sun. 2:15, 4:30, 7:20, 9:40



A NEWSPEAK exclusive

# Shooting the breeze

by Tom Daniels

In last week's paper, Rory O'Connor wrote an editorial concerning the new fan in Alden Hall. Being a journalist, I was intrigued with this tale of a seemingly ridiculous contraption hanging from the ceiling of the heart of the campus, and decided to investigate further. After checking my usually reliable sources in the Pub, I was convinced that there was more than meets the eye behind this whirling dervish.

Following a hot lead, I stopped by the office of Colonel Gardner T. Pierce, the stalwart Director of Physical Planning and Plant Services. The Colonel tried to play his hand close to the vest, feeding me the same phoney story that appeared in *Newspeak*, namely, that the fan was put there to keep the building warm!

"Sir," I asked, "I can understand that you'd like to keep this quiet a while longer, but I've gotten hold of some information regarding the REAL nature of this mechanical marvel. How about a little scoop for your own campus paper?"

"Oh, heck, like my ol' hero, George Patton, used to say — ah, well, you know how George used to get a little rough with the men once in a while! Anyhow, we were just waiting until we could get the boys from the *Times* and the *Post* down here for a real news conference! Yes sir, this is big, bigger than the Polio vaccine, bigger than getting that there new sculpture in front of the library!"

Frankly, I was beginning to wonder if I had bit off a little more than I could chew. The biggest story I'd ever handled had been the capture of the giant packrat that had stolen President Hazzard and his office. I didn't have any choice, though, since the Colonel had gotten himself all worked up over the relief of sharing his secret with the rest of the world.

"About the end of D term last year," he continued, "a young fella got the idea of building a windmill on top of Daniels. He wanted to get the wind to make itself useful, by way of producing electricity. It worked just fine, too, as far as he took it. Had the thing charging some kind of truck, or golf cart batteries.

"Well, when it came time for him to write his MQP paper, he came to the conclusion that, in order to make his idea work on a larger scale, he needed a better source of power than the wind outside. Something more realistic, day in and day out, to make that blade spin around. One of the professors down in Mechanical read that, and the answer hit him like a bolt of lightning! He's the one that came up with the idea of putting the fan in Alden!"

"Colonel," I said, "I must be losing my marbles. What has the Alden fan got to do with the Daniels windmill?"

"It has everything to do with it!" he shouted in triumph. "It is the Daniels windmill! All we did was lay it on its side and hide its generator behind the false cork ceiling!"

"I think I've got it now," I said. "What we have here is an indoor windmill, which leads me to believe that we're missing one little thing. The wind!"

"That's the beauty of this apparatus!" said the Colonel. "We don't have to 'cast our fate to the wind,' so to speak. We went ahead and made our own wind, with the resources we had at hand. Let's go take a look," he said, starting towards the door.

We left the friendly confines of Washburn Shops and walked across the square to the empty Boynton Hall. I followed the Colonel down into the basement, where we were greeted by a crew of technicians led by Everett Alden, the ace power house operator. They seemed to be placing some duct work in the heating tunnel that went from the basement of Boynton to the basement of Alden.

"This is the heart of the system," said the Colonel. "The ducts that we're putting in the heating tunnels are going to carry the source of power for the fan into the chair room in the basement of Alden. From there it flows up through grates in the floor, into the main hall, and on up to spin the fan!"

"But, Colonel, the only thing that you could put through those ducts, and then have rise up through the hall to the fan — I mean, the windmill, would be..."

"Hot air! Yes sir son, that's the one thing that this Institute will never run out of! We put ducts in the ceiling of every lecture hall when we redid Salisbury! That's what's making the windmill spin now. We're working now to put a duct in every office in Boynton. When the Administration moves back in a year or so from now, look out, Con Edison!"

That, sportsfans, is the scoop behind the new addition to the Alden Hall skyline. Next time you're sitting through one of President Hazzard's funny stories, you can take comfort in the fact that you're contributing to our country's energy production. Barring an unforeseen epidemic of laryngitis, WPI should achieve energy independence by 1980. Although the experts I consulted weren't sure if the WPI windmill theory could be applied elsewhere, they promised that someday, a universal application, of perhaps a somewhat different form, would be discovered.

After all, they said, this type of windmill research is bound to create spinoffs.

# Poets at Clark

June Jordan and Etheridge Knight, described as distinguished Black poets, will be featured in a poetry reading at Clark University Tuesday, December 7. The program in 320 Academic Center will be open to the public at no charge. A reception will follow in English House, 12 Hawthorne Street.

Karen Swenson, poet-in-residence for the Worcester Consortium for Higher Education, will act as moderator. Clark's Department of English is sponsoring the program, with the cooperation of the Worcester Poetry Association.

A novelist and free lance writer as well as a poet, Ms. Jordan teaches at City College of New York and at Sarah Lawrence College. She is co-director of a creative

writing workshop for Black and Puerto Rican children in Fort Greene, Brooklyn. Sponsored by the Academy of American Poets, Ms. Jordan has read poetry in public schools and colleges all over the United States.

Born in Mississippi and now a Minneapolis resident, Mr. Knight is a poet and editor whose first book was published while he was in prison. He has edited *Black Voices From Prison*, and his books include *Poems From Prison* and *Belly Song and Other Poems*. His teaching experience has included positions at the University of Hartford and University of Minneapolis, and he is currently giving readings throughout the United States and Canada.

**The Regis College Choir and the WPI Glee Club will be performing together in a program of Christmas Vespers in which the public is invited to join. Vespers will be sung in Alden Hall at 3:00 p.m. on Sunday, the fifth of December.**

**The program will feature "Jubilate Deo" by Flor Peters and "Cantique" by Jean Racine, along with Christmas hymns and spirituals.**

## EUROPEAN CONCERT TOUR

3 to 4 days each in

Munich, Innsbruck, Salzburg, and Vienna

January 17-31

\$675 due by December 23

For more information contact: Glee Club, Box 2517

# Spree Day is coming!!!

## Sunrise Semester

(A mini-lesson in Tequila mixology.)

Lab work: Mix 4 oz. of orange juice with 1 1/2 oz. Tequila in a glass with ice. Pour in 3/4 oz. Giroux Grenadine.

Results: The Tequila Sunrise. Now stir the Sunrise and enjoy it.

Final: O.J.-30%. 10 points for using concentrate, 20 points for regular.

30 points for freshly squeezed.

Tequila - 40%. 40 points for the best Tequila, 50 for making your own.

Grenadine - 30%. No points for ketchup or tomato juice.

30 points for Giroux Grenadine.



For a free booklet on mixology write: GIROUX, P.O. Box 2186G, Astoria Station, New York, N.Y. 11102. Giroux is a product of A-W BRANDS, INC. a subsidiary of IROQUOIS BRANDS LTD.

### Lens & Lights Movies

#### FINANCIAL REPORT

November 14, "Harry & Tonto"

Expenses:

Film Rental from 20th Century Fox	\$260.00
Rental of Alden Hall	15.00
"Bloopers" rental from Ephriam's	20.00
Shipping	5.00

**TOTAL EXPENSES** \$300.00

Income:

Tickets from 7:00 Show	\$225.00
Tickets from 9:30 Show	175.00

**TOTAL INCOME** \$400.00

**PROFIT:** \$100.00

November 21st "Sunshine Boys"

Expenses:

Film Rental From Films, Inc.	\$400.00
Rental of Alden Hall	15.00
Cartoons From Swank	28.50
Shipping	21.82

**TOTAL EXPENSES** 465.32

Income:

Tickets from 7:00 Showing	\$76.00
Tickets from 9:30 Showing	57.00

**TOTAL INCOME** \$133.00

**LOSS** 332.32



## WPI alumnus' home destroyed

The family of Michael Ball, a WPI alumnus, was recently the victim of a fire that destroyed their Rutland, Mass. home. A fund has been established through Mechanics National Bank in Holden to help them rebuild. Contributions may be mailed to Post Office Box 164, Holden, Mass. 01520.

A neighborhood group, headed by Paul

Holm of 9 Newman Drive, is organizing the fund-raising effort. The group will solicit throughout the town and will hold a raffle.

A meeting of persons interested in helping will be held at 7 p.m. Wednesday in First Congregational Church, Main Street.

The fire destroyed the entire interior of the family's ranch-style house, which was less than three years old.

**"To date, only 60 per cent of the students who are on the meal plans have paid the Massachusetts Meals Tax. The other 40 per cent are reminded that the Meals Tax should be paid at the Accounting Office very soon in order to avoid complications in registering for Term C."**

## Students on the rocks

by Steve Lemken

(CPS) — Alcohol. A drug of choice. Since the end of the sixties, when students preferred the devil weed and other assorted drugs, they have once again, in ever-increasing numbers, turned to bottled pleasure. College drinking, made famous by the Roaring Twenties scene, is again being looked at. Seriously.

Coordinating its efforts with college students and staff, the National Institute on Alcohol Abuse and Alcoholism is currently helping to develop programs and projects to increase awareness of potential alcoholic abuse on campuses.

Dr. David Kraft of the University of Massachusetts said in a recent article of *Alcohol World* that "college and university

populations...present certain problems for those seeking to establish primary prevention of alcohol abuse. Social norms on campus seem to equate alcohol use with achievement of adult status in our society." He says this tends to generate indifference to any discussion of such "normal" behavior. Kraft also indicates that widespread use of alcohol by faculty and staff groups "can reinforce indifference on many campuses about student drinking practices."

People entering college find drinking an integral part of campus life. Peer pressure, occurring throughout their college career, is ever present. A recent publication by the Department of Health, Education and Welfare (HEW), *The Whole College Catalog About Drinking*, said that "getting the attention and participation of students will not be easy. They are not worried about alcoholism, nor with the long term effects of heavy drinking."

The catalog, prepared after intensive research and the cooperation of college students and staff across the country, presents ideas and program concepts to deal with alcohol abuse prevention. Surveys and results regarding student opinions about their drinking habits are laid out, combined with views from suggestions and answers in how to deal with breaking down those rock-hard, yet most times mistaken, ideas about alcohol and its abuse.

## Worcester Polytechnic Institute 1976-77 Varsity Basketball Schedule

DECEMBER		Opponent	H-A	Time
Day	Date			
Wed	1	Wesleyan	H	8:00 p.m.
Sat.	4	Bentley	H	8:00 p.m.
Wed.	8	Bowdoin	A	7:30 p.m.
Sat.	11	R.P.I.	H	8:00 p.m.
Thurs.	16	Springfield	H	8:00 p.m.
Sat.	18	Mass. Maritime	H	8:00 p.m.
JANUARY				
Sat.	8	Amherst	A	8:00 p.m.
Sat.	15	A.I.C.	H	8:00 p.m.
Fri.	21	Colby	A	7:00 p.m.
Sat.	22	Bates	A	7:30 p.m.
Tues.	25	Lowell	A	8:00 p.m.
Sat.	29	Suffolk	H	8:00 p.m.
FEBRUARY				
Thurs.	3	Brandeis	A	8:00 p.m.
Sat.	5	Babson	H	8:00 p.m.
Tues.	8	Trinity	H	8:00 p.m.
Fri.	11	Coast Guard	A	8:00 p.m.
Sat.	12	Middlebury	H	3:00 p.m.
Wed.	16	Williams	A	8:00 p.m.
Sat.	19	Tufts	H	8:00 p.m.
Thurs.	24	M.I.T.	H	8:00 p.m.
Sat.	26	Clark	H	8:00 p.m.

## Worcester Polytechnic Institute 1976-77 Club Hockey Schedule

November 1976				
29	Assumption	A	Worc. Arena	8:45 p.m.
December 1976				
4	Tufts	A	Boston College	4:45 p.m.
9	Clark	A	Worc. Arena	8:45 p.m.
11	R.I. College	A	North Prov. Arena	7:30 p.m.
13	Curry	A	Charles River Skating Club	9:00 p.m.
February 1977				
1	Bentley	H	Hudson	7:00 p.m.
3	Clark	H	Worc. Arena	7:45 p.m.
10	Tufts	H	Worc. Arena	8:45 p.m.
17	Stonehill	H	Worc. Arena	7:45 p.m.
21	R.I. College	H	Worc. Arena	6:30 p.m.
23	Assumption	H	Worc. Arena	8:45 p.m.
26	Bentley	A	Waltham	8:00 p.m.
28	Curry	H	Worc. Arena	6:30 p.m.

**Coach: Len Bowen**  
**Manager: Chuck Johnson 798-3734**

### WPI

### READING COURSE

#### Term B

**RECOMMENDED FOR**  
Anyone wanting to develop or sharpen reading and study skills; anyone interested in practical epistemology.

#### DURATION, LOCATION

The course will meet Monday through Friday, beginning Monday, November 29, and ending Friday, December 17, a total of fifteen meetings. Classes will run from 4:30 p.m. to 5:30 p.m. in Atwater Kent, Room 117, the large E.E. lecture hall.

#### CREDIT, HOMEWORK

None.

#### COST

\$5.00. RA's, Graduate Students, Faculty and Staff receive a professional discount.

#### PURPOSE, OUTCOME

The course is intended to offer students the means to extend the skills of understanding college-level written material. "Speed" reading will be addressed simply as one of these skills. It is difficult to forecast the range and quality of individual reading improvement; one very rough indicator is that, in the past, the average measured reading speed of the class as a whole has tripled.

#### REGISTRATION, INQUIRIES

Registration will be taken in Daniels Hall, the Office of Student Affairs, and at class meetings during the first few sessions. The instructor is Roy Astley, Office of Counseling Services (Stoddard C, Phone ext. 540).

## ENGINEERING GRADUATES



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**on December 9**  
**at the Placement Office**

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# I HAD CANCER AND I LIVED.



**Gene Littler**

It's possible to go into an annual checkup feeling terrific. And come out knowing something's wrong. It happened to me. The doctor found what I couldn't even feel... a little lump under my arm. If I had put off the appointment for one reason or another, I probably wouldn't be here today. Because that little lump I couldn't feel was a melanoma, a highly aggressive form of cancer that spreads very quickly. It's curable — but only if found in time.

So when I tell you, "Get a checkup," you know it's from my heart. It can save your life. I know. Because it saved mine.

**Have a regular checkup. It can save your life.**

**American Cancer Society.**

SPACE CONTRIBUTED BY THE PUBLISHER

Lens & Lights

presents

## "Play It Again, Sam"

**Sunday, December 5**

**7 & 9 p.m.**

**Alden Hall**



"It's still the same old story, a fight for love and glory."

An Arthur P. Jacobs Production in association with Rollins-Joffe Productions

### "PLAY IT AGAIN, SAM"

A Herbert Ross Film

STARRING **WOODY ALLEN** **DIANE KEATON**  
**TONY ROBERTS** **JERRY LACY**

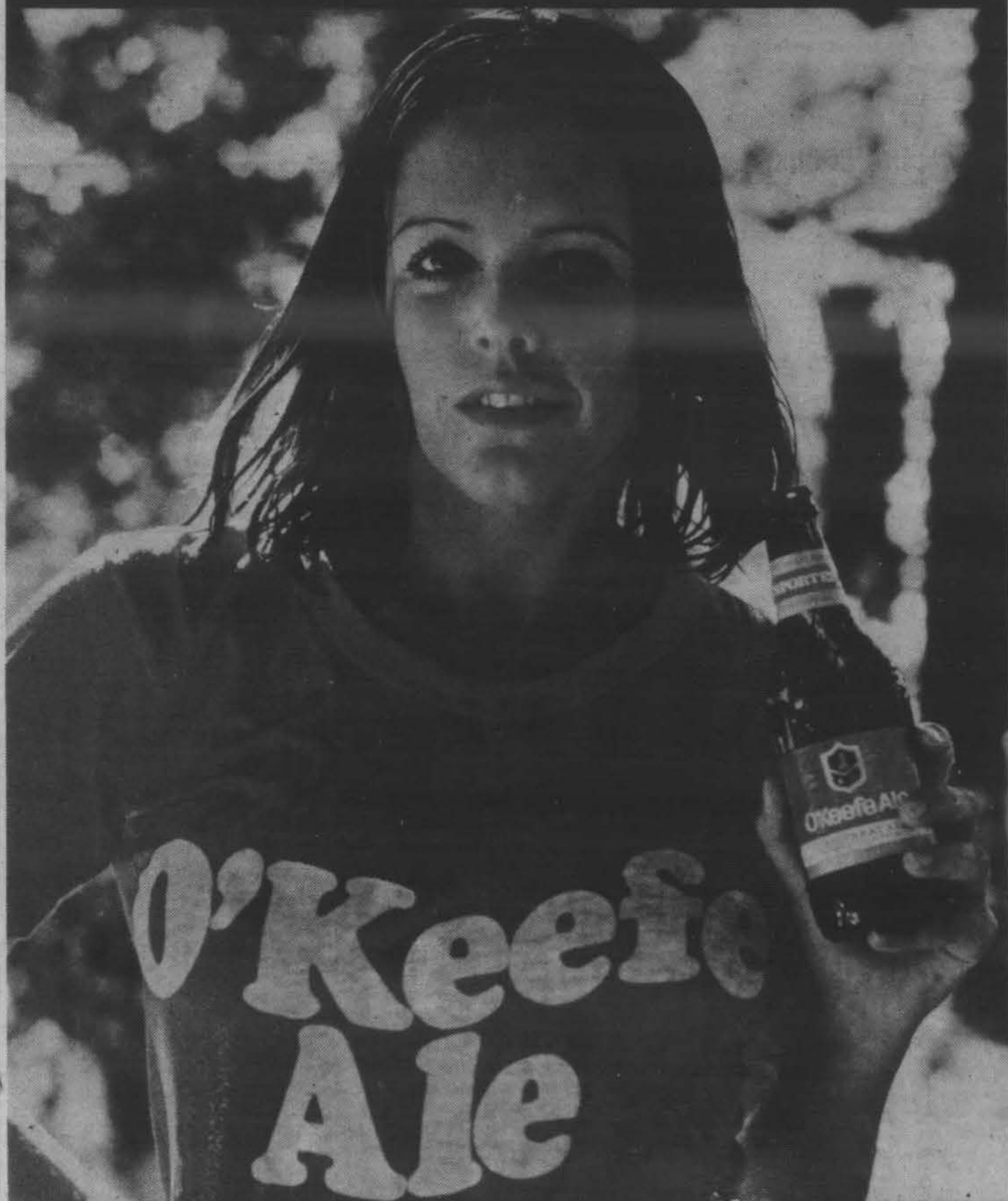
and **SUSAN ANSPACH** **JENNIFER SALT**

and **VIA** in association with **WOLFE ALLEN**

Directed by **HERBERT ROSS** Executive Producer: **CHARLES J. JOFFE**

Based on the play by **WOODY ALLEN** Produced on the New York stage by David Merrick

# Canada wet.



**O'Keefe Ale**

**O'Keefe Great Canadian Ale.**

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# What's Happening?

## Tuesday, November 30

Life Sciences Seminar, "Benefits to Industry (Water Treatment)," Dr. G. Levin, Biospherics, Inc. Washington, D.C., Kinnicutt, 4 p.m.  
Free Preparatory TM Lecture, Gordon Library Seminar Room, 7:30 p.m.  
Speaker, "Being a Survivor of a Concentration Camp," 10 a.m., Centennial Room, LRC, Worcester State College.

## Wednesday, December 1

Civil Engineering Colloquium, "Probabilistic Approaches to Soil Stability Problems," Robert D'Andrea, Salisbury 105, 4 p.m.  
JV Basketball vs. Wesleyan, home, 6 p.m.  
Basketball vs. Wesleyan, home, 8 p.m.  
Hockey vs. Stonehill, away, 9 p.m.

## Thursday, December 2

Jewelry Sale, Wedge, 10 a.m.-4 p.m.  
Women's Basketball vs. U.Mass (Boston), away, 7 p.m.  
Wrestling vs. Boston College, away, 7 p.m.

## Friday, December 3

Swimming vs. Holy Cross, home, 7 p.m.  
Concert, "Dave Mason," Harrington Auditorium, 8 p.m. (Tickets on Sale in Daniels Ticket Office)  
Mischa Dichter, pianist, Atwood Hall, 8:15 p.m., Clark.

## Saturday, December 4

Wrestling vs. Rhode Island College, away, noon.  
Indoor Track vs. MIT—Brandeis, away, 1 p.m.  
Hockey vs. Tufts, away, 4:45 p.m.  
JV Basketball vs. Bentley, home, 6 p.m.  
Fencing vs. Holy Cross, home, 7 p.m.  
Basketball vs. Bentley, home 8 p.m.  
Military Holiday Ball, Alden Hall, 8 p.m.  
Entertainment, Goat's Head Pub, 9 p.m.

## Sunday, December 5

Concert, WPI and Regis College Glee Clubs, Alden Hall, 3 p.m.  
Lens and Lights Movie, "Play It Again, Sam," Alden Hall, 7 and 9 p.m.

## Monday, December 6

Chemical Engineering Colloquium, "Food: An Interface of Biological Science and Engineering," Dr. Myron Solberg, Goddard 217-227, 4:15 p.m. (Coffee at 4 p.m.)  
Spectrum, "A National Lampoon Editor," Alden Hall, 8 p.m.

## Tuesday, December 7

Life Sciences Seminar, "Artificially Induced Symbioses," Dr. V. Ahmadjian, Clark University, Kinnicutt Hall, 4 p.m.  
Senior Reception, One Drury Lane, 7 p.m.  
Swimming vs. U.Mass, home, 7:30 p.m.  
Cinematech (Directed by Women), "Hester Street," Alden Hall, 8 p.m.  
Humanities Department Presents "Life of Galileo" by Bertolt Brecht, as adapted by the WPI Cast, Kinnicutt Hall, 8 p.m. Free Admission. For reservations, call ext. 246, 385. (Also December 9, 10, 11)



Photo by Mark Hecker

# Newspeak

Volume 4, Number 22

Tuesday, November 30, 1976