

# Dorm water problems unanswered

by Phil Czapl

On Wednesday afternoon, September 29, the female residents of Stoddard B, third floor, were surprised to have workmen invade their lavatory. The workmen informed the girls that they had come to replace the showerhead fixtures in the shower. Why change the showerheads? — Well, to answer this question, this reporter, also a resident of Stoddard B must digress

## Investigative Report

A bit to describe in brief detail, the events that had transpired a few weeks earlier. Readers of last week's *Newspeak* (Tues., Sept. 27) may find such the same story behind these early events in the staff opinion article entitled "Ice in September." The essential facts must be briefly repeated again however, for the sake of continuity. The reader is asked to pay close attention, so that he may also unravel the mystery surrounding the saga of this reporter's battle with W.P.I., entitled "ICE IN SEP-

TEMBER PART II — THE ICEMAN COMETH."

Friday, September 16 — Hot water completely out, all floors — Stoddard B. No pressure, no hot water.

Saturday, September 17 — Warm water out of faucets. Warm water at low pressure in showers.

Sunday, September 18 — No change.

Monday, September 19 — System completely fixed. Very hot water at very high pressure from showers.

Tuesday, September 20 through Thursday, September 22 — No change.

Friday, September 23 — Dark brown rust "muck" coming out of hot water faucets and showers.

Saturday, September 24 — Brown muck eliminated. Warm water at adequate pressure out of faucets. Lukewarm water at low pressure coming out of showers.

Sunday, September 25 — No change.

This ends the description of the events up to Monday, September 26. Now that the reader has a few facts, the remainder, and

most intriguing chapter in this story may be told:

Monday, September 26 — Early Monday, despite the rain, this reporter decided to take an early morning jog around the W.P.I. campus, in the hopes of awakening his tired body. Following the run, a shower was in order.

Standing in a cold shower room, with an arrested flow of lukewarm water dribbling down my face, I was quickly reminded of the water problems of the weekend.

After a morning class, I began to feel that some action on my part would be necessary if I ever was to take a good hot shower again. A check with the R.A. revealed that notice of the problem had been conveyed to Plant Services.

At 10 a.m., I decided to pay a visit to Mr. John Curtis Jr., Manager of Auxiliary Operations, in the basement of Gordon Library. Mr. Curtis was out, but his secretary said that he would be back early in the afternoon. At 1 p.m., I returned to

Curtis' office and was pleased to find that he was in.

I reported the previous events and present situation of the showers and hot water system to Mr. Curtis, who dutifully wrote down my complaints. Mr. Curtis said that he was never informed of the situation and this was the first time the matter was brought to his attention.

Since it was very late in the afternoon, he promised to look into the situation as early as possible Tuesday morning.

Tuesday, September 27 — Repeated checks in the morning showed that the water seemed somewhat warmer, but still at low pressure. The R.A. reported that she had been in contact with Plant Services and that they knew that problems existed. Being still dissatisfied, I visited Mr. Curtis about 3:15 p.m. He stated that someone had been sent to check the system at 10:30 a.m., and they had determined that a problem existed with the thermostat. A new thermostat was to be installed by 3:30 p.m. I told Mr. Curtis that the water was still

# Newspeak

The student newspaper of Worcester Polytechnic Institute

Vol. 5, No. 19

Tuesday, October 4, 1977

effective today

## School takes over Pub

From the humble origins of a senior men's club, supplied by a single keg of beer, WPI's Goat's Head Pub has grown into the prime entertainment and social gathering place on this campus.

When the pub was founded at the level of an exclusive club for seniors, because of its size, there was little need for extensive bookkeeping to keep track of what had been sold. Complications due to bands or vocalists appearing in the pub did not exist,

because there was no entertainment. The pub was just a small operation.

In recent years, however, the change in the character of WPI has resulted in great changes for the pub too. Due to the expansion of WPI, as well as the lowering of the legal drinking age, the pub has undergone an evolution of both size and management. The pub itself moved from a tiny sub-basement room in Sanford Riley to its present, larger quarters. The former

Goat's Head Senior Men's Club became the Goat's Head Club, Inc. A Pub board was formed in order to control the physical and financial operation of the pub. The Pub board also holds the liquor license required to be able to sell beer and wine.

Formed of students and faculty who voluntarily meet to deal with the business of running the pub, the Pub board is the sole administrator of the Goat's Head Club, Inc., a non-profit corporation. The Pub board is responsible for hiring all employees of the pub, pricing policies, and purchase of all the alcoholic beverages served in the Pub. Although the Goat's Head Club does not do its own bookkeeping, it is also responsible for the possession and disbursement of all funds generated by the pub.

Thus far, the pub board has been able to handle its duties satisfactorily, but not without some problems. Since the school owns Sanford Riley dormitories, and the property where the pub is located, there have been some conflicts as to assigning responsibility for items such as repairs and upkeep of the pub room and surrounding areas. Above the pub are living quarters for many students, who from time to time have complained about the intrusion of music and voices through their floors. Difficulty in coordinating events to be held in the pub, was another problem as the entertainment

put on in the pub has been the duty of the social committee, a school organization, holding school sponsored events in a non-school owned business.

Last year, for the first time, the school began to charge the pub rent for the occupation of its premises. While there was some minor controversy concerning the school's right to charge rent, the pub board acceded and paid the rent. In the meantime, another move by the school administration has just rendered the rent question academic. The school is going to take over the pub.

The transfer of ownership was arranged by mutual consent of the Pub board, which appears to feel that the school operating the pub would be in its best interests. Professor Thomas Keil, of the department of Physics, soon to be new chairperson of the Pub board, which will be retained in an advisory capacity by the school, states that he believes, "There are lots of advantages in having the school take over the pub in terms of efficient operation and reduction of conflicts in operation of the pub."

Harry Thompson, Manager of the bookstore, and present chairperson of the pub board felt that, "It is a good idea for the college to become more involved in the operation of the pub, so that all employees

[continued to page 4]

Seventy-four more

## Center gains votes

by Tom Daniels

Although tickets won't go on sale for a while yet, it looks as though the Worcester Civic Center may be opening some time in the Fall of 1979.

On Tuesday, September 20th, Worcester voters approved a referendum to finance \$7.9 million of the \$14 million Civic Center. Opponents of the bond issue immediately called for a recount, due to the mere 45 vote difference out of almost 40,000 votes cast. The official recount, which was, in fact, instituted at the request of the Center's proponents, produced another 74 yes votes, bringing the final totals to 20,422 Yes, and 20,203, No.

Although 119 votes is obviously the slimmest margin of victory, it represents a significant change, in that a referendum held last February on a \$14 million Civic Center bond, left the issue 2122 votes short of a win. The new referendum was called for after the United States Economic Development Agency ticketed \$5 million in federal funds for the Worcester project. Following that announcement, private sources pledged nearly \$2 million towards the work, leaving the bond needed to \$7.9 million.

The closeness of the vote worries some city officials. "A shame," said one Councillor, who added that he had hoped to see a difference of several thousand votes either way. Many felt that the city, which has shown itself to be divided down the middle, will remain extremely bitter for some time to come. These predictions have been born out since, after last Tuesday's vote, the Citizens for a Referendum Vote pledged to continue their blocking efforts. Robert E. Wardell, who became head of the group after its founder, Doris Huard, quit her position to run for City Council, said that the group's lawyers were raising questions of security procedures after the recount.

The city was, for a short while, on the verge of losing the \$5 million federal grant. EDA officials had set last Friday as the deadline for approving all projects, and the recount could not, due to city election rules, be held until 5:00 p.m. Friday. It was in the interests of speeding up the procedure that the Center's proponents unexpectedly filed for the recount. Congressman Joseph Early, however, was able to extend the Friday deadline, and presented City Manager Francis McGrath on Saturday.

Some optimists are projecting a September of 1979 opening for the Civic Center, which will be located behind the Worcester Center garage, on an empty lot bounded by Exchange, Foster, Commercial, and Worcester Center Blvd. Unfortunately, delaying actions promised by the Citizens for a Referendum Vote, may delay implementation of the plan, and cause this date to be rolled back considerably.

## Index:

Editorials	2
Entertainment	6-7
Letters	2
Op-Ed	3
Sports	10-11



Proposed Civic Center site

Photo by Tom Daniels

Tuesday, September 27, 1977

Vol. 5, No. 18

\$10.00 fee enclosed. Make check payable to WPI NEWSPEAK. Deadline for submission is Oct. 4, 1977 to Student Affairs Office in Daniels Lounge.



# Editorials: No-show concerts

Despite efforts by the Social Committee to book good musical talent, the students at WPI staunchly refuse to cooperate. The poor turnouts at the past two concerts (John Hammond and Ronnie Laws, to be precise) are reflective of something; what that is seems a little hard to grasp.

Usually, one is concerned with the activities of organizations subsidized in part by one's own money. This is precisely what the Social Committee is — yet the concern is decidedly lacking. Perhaps jazz is not to your liking. Perhaps the time, date, location, or price of a concert is poor. Simply not going is hardly a solution. In doing this, not only do you give those in a position to change things no input, but you also force a continued series of large financial losses. Granted, the Social Committee is not designed to run at a profit. It must also be apparent, though, that 150 people barely pays for opening the building and turning on the lights. This is simply you wasting your money.

If you like the music, go! Have an enjoyable time (brought to you by your cash) and help string that cash along for more shows. If you're dissatisfied with some aspect of the concert scene, write to the Social Committee and suggest ways for improvement. In either case, get off your ass or don't complain when we can't afford to book anyone next semester. You pay for it — you make it work.

Rory J. O'Connor  
TAD

# In Hot Water

The hot water situation in Stoddard is again on the downswing, for the fourth year in a row. And, as usual, the entire east campus (read Plant Services) is dragging their feet, and attempting to "solve" a problem by running headlong around it several times. I question any action taken by these people other than replacing or rebuilding the water heater in Stoddard B. This unit has been notorious for failures that take weeks to repair, or for requiring parts that must be special ordered in Pennsylvania. It would seem intelligent to convert to a more reliable unit manufactured (or at least serviced) within the state. As a former resident of the building, I can say that this is not the first time, and unless something major is done, it won't be the last.

Why are Messrs. Curtis, Barnes and Pierce ignoring students complaints and writing them off as ridiculous? These men hold their jobs so they can be of service to the students, and it is their duty to satisfy reasonable student requests. I remind them (and many more people at WPI) that the students pay the money, and the students pay for the services which they are refusing to render. I realize it's typical, but that doesn't make it right. We, as students, are getting tired of sitting on our hands while a bunch of people with nice houses and no water problems push papers around at the same time as we're taking cold showers.

I don't really know what it will take to convince them. But I know it's coming.

Rory J. O'Connor

# Letters: Stoddard showers

To the Editor:

WE, the undersigned residents of Stoddard B building, as of this day, September 29, 1977, do hereby formally state our dissatisfaction and displeasure with the following problems of our dormitory:

1. The functioning of the new showerhead fixtures installed in the lavatories of this building on September 28, 1977.

2. The operation of the hot water system in relation to the low hot water pressure of the showers, experienced since September 23, 1977.

WE, therefore, do request the action of the Office of Physical Planning and Planning Services to:

1. Return and restore the original showerhead fixtures used previously to September 28, 1977.

2. Correct immediately any hot water pressure problems associated with the operation of the showers with the original showerhead fixtures mounted.

Philip A. Czapl

The letter was

also signed by

29 other people.

# Riley alarm

Dear Editor,

I am gravely concerned about the fire alarm system in Riley. This past Saturday morning the fire alarm falsely tripped about 7:45 a.m. I and a few others are the only ones who left the building. Everyone else either stayed in bed or stood around in the hallways. Luckily, *this time* there was no need for alarm. We may not be so lucky the next.

The reason that practically no one left the building is that the alarm was falsely

triggered several times during the first week of school. Apparently the problem is in the system itself. I have been told they are still trying to fix it.

In the meantime, I would like to ask that the R.A.'s and all of the residents of Riley enforce leaving the building when the alarm goes off. One of these times it may be a real fire, and as a result of this attitude toward the alarm system, a real nightmare.

Laura L. Mattick '78

# WPI concerts

To the Editor:

WPI is not Clark. That may be fairly obvious, but the turnout for Alden Concerts prove that small, non-loud, non-rock bands without bussed-in females do not sell.

Clark students appreciate music for itself; Techies don't. The real reason for the poor showings is not, "It's a Thursday night and I have a test tomorrow...I've heard that damn tape so many times why should I pay \$4 to hear it again...7:30 is too early and 10:30 too late...if it was such a good show,

it would be in Harrington." The real reason for the poor attendance in Alden is that the probability of a casual sexual encounter is next to zero.

Does anyone go to the Pub Wednesday night to dance to disco? No, they go because that's where the women are. Therefore, the Social Committee should give up its non-credit course in music appreciation and stick to things that sell (and cheaply).

Kevin Carlson

# Not Lights and Lens!

To the Editor:

Those people fortunate enough to have attended or worked at last Friday's Ronnie Laws—Pat Metheny concert enjoyed a fine show, whether it be early or late. Despite the small crowd for each show, each band was enthusiastic and energetic. Lens and Lights provided stage lighting and spotlight work, but, contrary to many rumors, did not do, and can not take credit for, the

sound reinforcement job. This was provided by Dawson Sound of Boston.

Lens and Lights does do most of the lighting and sound on campus, however, when the requirements of a given job exceed the capacity of available equipment, then the job is subcontracted to outside companies.

Carl Gerstle, President  
WPI Lens and Lights

# Traffic

To the editor:

It has come to my attention that the traffic intersection consisting of Institute Rd. and Lancaster St. is entirely too dangerous for me to remain silent any longer...

It is my opinion as a local resident (along with the undersigned local residents) that the number of traffic "accidents" occurring at this intersection are too numerous! Therefore, we are asking that you investigate the traffic control problem here immediately, in an effort to remedy this problem.

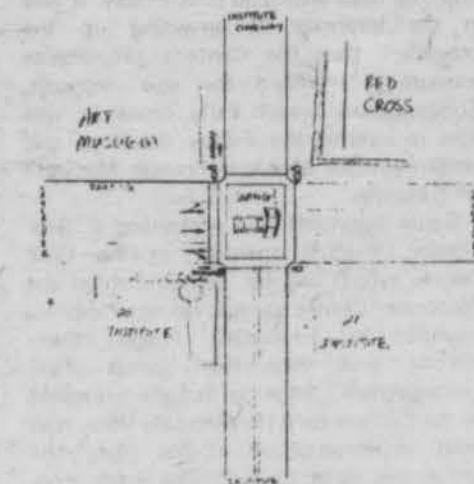
Please see the enclosed map and traffic light timing sheet... With all due respects to your professional abilities considered... I should like to recommend the following changes be made:

1) Increase the Institute YELLOW duration from two to four seconds.

2) Introduce a two second SAFETY STATE (both directions RED) after the Institute YELLOW and before the Lancaster GREEN.

Note: The above changes make the direction transfer symmetrical, thus affording those PEOPLE traveling on Institute Rd. the same degree of safety as those traveling on Lancaster St.

Arthur B. Bainton  
Carmine A. Zamarro  
Susan Rheiu  
Kenneth A. Senter  
Elizabeth A. Baer  
N. Austin Spaug, Jr.



Institute and Lancaster Street Intersection

INSTITUTE AND LANCASTER STREET INTERSECTION	
T(0)	Lancaster goes Green
T(1)	Lancaster goes Yellow
T(2)	Lancaster goes Red
T(3)	Institute goes Green
T(4)	Institute goes Yellow
T(5)	Institute goes Red
T(6)	Lancaster goes Green
TOTAL Seconds	
T(0)-T(1)	Duration of Lancaster's Green
T(1)-T(2)	Duration of Lancaster's Yellow
T(2)-T(3)	Duration of Safety State A
T(3)-T(4)	Duration of Institute's Green
T(4)-T(5)	Duration of Institute's Yellow
T(5)-T(6)	Duration of Safety State B

# Newspeak

The student newspaper of Worcester Polytechnic Institute  
Box 2472 WPI, Worcester, Massachusetts 01609  
Phone: 617-753-1411 ext. 424

editor-in-chief  
Rory J. O'Connor  
756-0249

news-features editor  
Thomas A. Daniels  
853-5556

staff  
Don Calawa  
Philip Czapl  
Maureen Higgins  
Jean Martin  
David Potter  
Tom Rockwood  
Larry Savage  
David Thompson  
John Walsh

photography editor  
Mark B. Hecker  
753-9843

business manager  
Michael Auger  
752-9371

photography staff  
Andy Gelbert  
Steve Kimotek  
Ann-Marie Robinson  
John Wheeler

advertising manager  
Mark Diluglio  
753-9513

sports editor  
Barry Aronson  
753-9843

circulation manager  
Larry Rheault  
752-9371

associate editors  
Kenneth Mandile  
Craig Vickery

faculty advisor  
Patrick P. Dunn  
753-1411, x-584

art director  
Alwyn Fitzgerald

Newspeak of Worcester Polytechnic Institute, formerly the Tech News, has been published weekly during the academic year, except during college vacations, since 1909. The editorial opinions expressed herein are the opinions of the person whose name appears at the end of the editorial, and are not necessarily those of the editorial board or WPI. Editorial and Business offices are located in room 01, Sanford Riley Hall, at WPI. Deadline for copy submission is noon of the Saturday preceding publication. Printing done by Ware River News, Inc., 4 Church St., Ware, Ma. Second class postage paid at Worcester, Ma. Subscription Rate — \$5.00 per school year; single copies 20 cents. Make all checks payable to WPI Newspeak.



# From keg to powder keg

by Tom Daniels

I think that there is a case for voting against the dissolving of the Goat's Head Club corporation, although, by the time you read this, it may very well be too late. I don't for one minute question the motives of President Hazzard, whose memorandum recommends the Pub corporation hand over all assets to WPI. Rather, I question if any of us realizes the implications of what's happening here.

Back when I came to WPI last year, I noticed that there was an exceptionally large number of advisory committees and other student groups listed in various catalogues and directories. What I didn't learn until some time later, however, was that most of these groups were only skeletons, whose duties fell onto faculty members or administration representatives.

Take last Tuesday's Pub Board elections for an example. Sixty per cent of those people listed in the legal notice as being nominated for the 1977-78 Board were not even present. One faculty member, when Rory O'Connor congratulated him on being elected, said, "Who? Me? Elected to WHAT?!"

Such is life at WPI. I don't pretend to have all the answers to this problem. In fact, I don't even have the faintest idea of what to do. I was encouraged, however, to hear last Tuesday, that someone else cared a lot what was going on. Professor Olson, speaking out against the idea that the current Pub Board would become an advisory group under the new proposal, told those in attendance that the definition of "advisory" was too undefined to meet his standards. He related that, recently, the Pub Board has been ignored when they give advice.

Clearly, we're in a bad situation. Two weeks before school started, WPI called all available Pub Board members in to discuss a problem. The last Pub manager had gotten into some trouble with the authorities; none of which I'll go into here. On August 31st, President Hazzard issued a memorandum, calling for the dissolving of the corporation, and transferring all assets of the Goat's Head Club to a WPI account. The Pub Board would continue to serve in an "advisory" capacity. The Pub itself would come under Dean Brown and the office of Student Affairs. All this, of course, assuming that we vote in the affirmative for dissolving.

Two points can be made here. One is that, if this is in everyone's best interests. Then why does WPI want things done so quickly? Why not slow down, make everybody happy, and get things in the open? As was said at the Board election, we should have a definite groundwork for the transfer, providing for things such as annual election of a Pub Board (NOT APPOINTMENT!), and the exact meaning of the word "advisory". These things are merely "implied" at the present time, since President Hazzard's memorandum is the only written document that is being acted on.

Secondly, we have the potential here for another load of responsibility to fall upon the shoulders of an absurd overburdened administration. Dean Brown is already advisor (and remember what I've previously said about these things) to Student Government, SAB, Fine Arts, and other groups and committees, the Social Committee among them, that are too numerous to list. Think about this for a minute: One man now has the responsibility for running almost the entire social program of a 3000 student college. This, I maintain, is unreasonable, both from our and Dean Brown's standpoint. We should be sharing this load with him.

As I've said, the cards are stacked against me on this one. Much has been done already in moving towards the dissolving. Glen Deluca, the new Pub manager, has been, for the duration of his short employment, working not for the corporation, but for WPI. Members of the outgoing Pub Board agree that the current working relationship between WPI and the Pub does not meet the requirements of success.

Time to evaluate the situation is what we need. Unfortunately, we don't seem to have any time left; today is the day. We'll have to voice our opinion. Will you?



## Solar energy

by Mark Kelsey

Another interesting subject on energy is solar heating. The solar heating received in the U.S. is over 1000 times the use of all fuel and water power in the nation. Solar energy has an additional advantage in that it is a perpetual source of energy. Also, if only two percent of the land were used for solar to heat and power the U.S. at an average efficiency of 10 percent the solar energy received would allow a five-fold expansion in the energy use of the nation.

However, this energy source varies in intensity from place to place. For examples: in June, Albuquerque, New Mexico receives an average radiation of 2758 BTU per day square feet while Columbus, Ohio in January receives an average radiation of only 486 BTU per day square feet. Contrast this with southern New England receiving an average of only 300 watts per square meter on a moving surface with respect to

the sun. Thus, as you can see, solar energy has a tremendous potential as an energy source.

However, developing that great potential is quite another matter. In order to store heat for the house, water tanks, bins of rocks, hydrated chemicals like sodium sulfate, or the use of solid-liquid phase changes are necessary. Assuming a 40 degree C temperature change, water would store  $1.6 \times 10^8$  joules per cubic meter while sodium sulfate stores  $3.5 \times 10^8$  joules per cubic meter. Thus, homes use solar heating only during sunny periods, while other auxiliary heating sources are used during extended cloudy periods.

Another way to heat the house with solar energy is to use fixed 45 degree collectors facing south. To provide the necessary  $0.80 \times 10^9$  joules per day for space and water heating it would require the heat from about 120 square meters of collector area. A total heating system would cost from \$3500 to \$6000, not including the heat distribution system. If this system was financed over 20 years at seven per cent interest as part of a mortgage, the increase in annual carrying charges would be between \$300 and \$550 per year. This compares to \$280 for  $10^{11}$  joules of oil at 75 per cent efficiency, \$275 for  $10^{11}$  joules of gas at 75 per cent efficiency, and \$500 for electricity at 100 per cent efficiency in

1972. Thus, solar heating systems are competitive with electric heating and possibly even gas and oil heating by now.

Therefore, I must conclude that increased R & D and other efforts are needed to eventually mass-produce solar heating systems at reasonable cost in the near future. This would no doubt be a profitable enterprise for certain large companies and would benefit the people, as well. While solar energy cannot be expected to provide all of our energy needs, and while it has been slow to be a viable alternative in terms of cost, I believe that with an increased commitment on the part of the government and the people in terms of investment of money into R&D and mass-production in the future, we will soon reduce the enormous costs of solar energy. I feel that it is better to make our commitment now to such viable energy sources as coal and solar energy in terms of their future potential, instead of waiting for a recession, probably occurring 10 years from now, when we will experience an energy crisis worse than that of today.

Sources: *Energy R & D and National Progress*. Prepared for the Interdepartmental Energy Study Group under the direction of Ali Pulent Cambel, p. 338. *Perspectives on Energy*. Eds.: Lon C. Tuedsill and Morris W. Firebough (Osford University Press, Inc.: New York, 1975) pp. 336-340.

## Op-Ed:

### Elections

The elections for both the INTERNAL RESIDENCE HALL COMMITTEE and DORMITORY HEARING BOARD will take place on Thurs., Oct. 6th, between 11:15 a.m. & 1:15 p.m. and 4:15 p.m. & 6:15 p.m. The following are the designated areas for voting for each WPI complex:

RILEY—first floor stairwell on the side towards Daniel's.

DANIEL'S — second floor stairwell on the side towards Riley.

MORGAN—second floor stairwell near the cafeteria.

TROWBRIDGE HOUSES—living room of 28 Trowbridge.

STODDARD A, B, & C—their respective main lobbies.

ELLSWORTH & FULLER—back entrance to the Wedge.

These are YOUR student committees; please show your concern and VOTE.

There will be a Student Activity Board meeting Thursday, October 6 at 7 p.m. in Stratton 308. All members are asked to be present.

### JUNIOR CLASS MEETING

Wednesday, October 5

at 11:00 a.m. in Kinnecut Hall

General class meeting, plus Junior Prom discussion  
EVERYONE PLEASE ATTEND!!!

The first American Society of Mechanical Engineers meeting this year will be a talk by Prof. Raymond Hagglund on the topic of PRODUCT LIABILITY. It will be presented Wednesday, Oct. 5 at 4 p.m. in Higgins Lab 101 (Conference Room). Free coffee and donuts will be served. New members and the curious are welcome.

There will be a dining hall committee meeting  
Wed., Oct. 5th, at 4 p.m. in Morgan E.

All Members please attend.

The following have submitted petitions to run for Independent Rep.: Kenin Carlson.  
Elections will be held on Thursday, October 6, in Daniels Hall Lobby.



# Water problems

(continued from page 1)

at low pressure. He then hypothesized that there might be an obstruction in a pipe somewhere.

Mr. Curtis then called Mr. Kendrick Barnes, Manager of Plant Services, and asked that a plumber be sent over to check things out. Mr. Curtis told me to call him back in one-half hour if no plumber showed up. At approximately 3:45 p.m. I returned to Stoddard B. At 4:20 there was no sign of any workmen, and I then called Mr. Curtis. Mr. Curtis stated that it was apparently too late in the day to get a plumber. He also said that Mr. Barnes had called after I had left, and reported that the pressure problem was probably due to the brown rust-muck clogging the shower heads and that workmen would be sent the next morning to take apart each showerhead and clean it.

I emphatically told Mr. Curtis that the problem could not be in the showerheads, since at the cold setting on the shower, cold water came through the showerhead at high pressure. He told me not to worry and that things would be corrected. I decided to wait and see what surprises Wednesday would bring.

Wednesday, September 28 — It was 10 a.m., and there was no sign of anyone pulling apart showerheads. I decided to call Mr. Kendrick Barnes in Plant Services and hear his story. A quick conversation with Mr. Barnes revealed that the showerheads were not just going to be cleaned, but in reality replaced. Mr. Barnes felt that new showerheads were certainly the solution to the low pressure problem. I then explained to him the obvious reasons why there was nothing wrong with the old showerheads. At that point he stated categorically "... They needed replacement anyway." He reassured me that matters were well in hand and that everything would get fixed properly.

At 4:30 p.m., I returned to my floor and looked into the shower area, and was amazed to find that the old showerheads were gone. It appeared that the showerheads had been taken off the pipes and all that remained was the pipe stem. I hurriedly ran over to the offices of Plant Services in Washburn to see Mr. Barnes, but was informed by a secretary that he had left for the day. However, I learned that Mr. Gardner T. Pierce, Director of Plant Services was at a meeting and probably would return shortly. I decided not to wait and left the office, to see Mr. Curtis, a short distance away. I saw Mr. Curtis and voiced my opinion about what a waste of money it was to replace perfectly good showerheads.

I then returned to Stoddard at 4:45 p.m. and went to see the R.A. She told me that she had seen the workmen come and replace the showerheads with tiny new showerheads. I went down to my floor and peered into the pipe stem of the shower fixtures. Sure enough, threaded onto the pipe stem was a miniscule grill measuring 1.5 centimeters in diameter perforated with 10 pinhead size holes, quite unlike the original showerheads which measured some eight centimeters in diameter and whose water jets were alone about one centimeter in diameter. I now realized that I had mistaken the new showerhead for the pipe stem. I decided to test the showerhead and turned the water on. Immediately there

flowed a finely atomized misty spray. It was quite apparent that the new showerheads were designed to deliver quite a small fraction of the water volume of the original showerheads. I personally was not happy about the effectiveness of the new spray pattern. I also tested to see what would happen if several showers were running on the first and second floors. A noticeable drop in waterflow was observed from the already meager stream when more than two showers were turned on at the same time.

I phoned the Office of Plant Services and was told that Mr. Pierce had returned from his meeting. I quickly explained what I knew of the circumstances since Monday, and Mr. Pierce seemed to be very understanding. I informed him that I felt that I thought that the new showerheads were definitely inferior to the old and reiterated my feelings that there was nothing wrong at all with the old showerheads. He asked me exactly what I wished to be done. I told him that I would like to see the old showerheads returned and the pressure problem corrected. He said that he would check into the situation personally. I thanked him and left.

Thursday, September 29 — Following a class at 9:50 a.m., I returned to Washburn to find out what was happening. I met Mr. Pierce as he was leaving the office door. He said that he had gone over to Stoddard and evaluated the shower's operation. He told me that the new showerheads worked well, as well as any others on campus, and that there was no pressure problem at all. When I began to state my disagreement with him, he became adamant, turned his back to me, and walked away.

Thursday evening, being somewhat disgusted with the events of the past week, this reporter decided to find out the opinions of the other residents of Stoddard B. I drew up a petition stating what I felt were valid grievances concerning the hot water and showers, and requesting that the old showerheads be returned. I also included a request in the petition that the pressure problem be corrected with the old showerheads in place.

When I first began my door to door calls on the first floor of the building a few people were unaware that the showerheads were replaced, then expressed great shock when they examined the showers. They were puzzled why there was any need to change the old showerheads.

A resident of the first floor, Mike Patz ('81) felt that (For any setting of the shower) "no matter how hot or how cold (the shower is set)... by the time the water gets to you it's so far apart that you can't even take a shower... the water is cold."

William Carr ('81) said that "The old showerheads did not need to be replaced. The new showerheads, the water-savers, are great if you like to have a halo of water spray on you. If you want your hair misted, that's great. But when I tried to wash my hair, there is no place that you can put your head to get your head clean. The stuff just sort of hangs up there, until you stand there and just so much water builds up. I don't think the water-savers are helping any because you have to stand there so much longer just to get the same amount of water, and the rest of the water is being

wasted. With the old showerheads... the water would pour right on your head and you could clean your head off just like that.

An interesting theory was proposed by Eric York ('81). He stated: "I think they (Plant Services) put them (the new showerheads) in because of the lack of pressure — as a way to get around it." He felt that since the new showerheads used far less water, distributed over a wider area, it made it seem that the pressure was fine, when in reality it was not. He concluded "They should put the old heads back and build the pressure up to the way it was the first few days I was here."

Other residents of the first floor, who wished to remain anonymous, while expressing dissatisfaction with the new showerheads, believed that the administration had pretty well made up its mind, would never concede to return the old showerheads, and would simply wait for the whole matter to die out. In general, they were more worried about the possibility of the water heater breaking down a third time in the middle of the

water, and then twice this year."

## ANALYSIS

In general, in the majority of these interviews, the people I spoke to were very unhappy with the pressure, spray pattern and flow rate of the new shower heads. The idea that the new shower heads would save water was generally disputed by feelings that it just takes longer to shower along with dissatisfaction from the strength of the waterflow. Whether something can be done is a big question left up in the air. With the exception of one person I spoke to, everyone was glad to sign the petition.

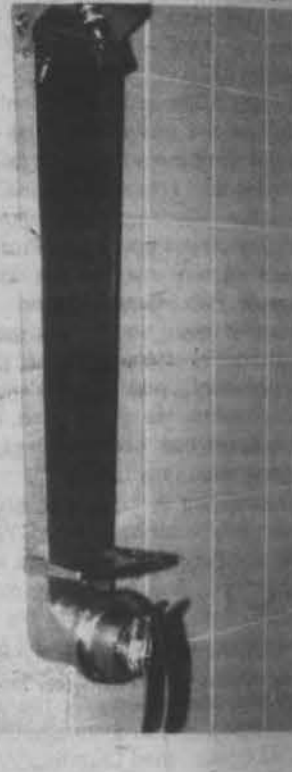
Friday, September 30 — Copies of the petition were delivered to Dean Donald Reutlinger of Student Affairs, John Curtis Jr. of Auxiliary Operations, and Kendrick Barnes of the office of Plant Services.

For the moment, the story of this reporter's activities ends with this entry. The future of Stoddard B's hot water problems remains in doubt. Hopefully, some positive response will be generated by the petitions in the hands of the administration.

Photos by Mark Hecker



Before



After

winter, leaving them stranded as in the past. One resident felt that if the water heater had been receiving preventive maintenance, it would have never broken down twice to begin with.

On the second floor, Mike Tabaczynski ('79) said "The showerheads are ineffective. The water output is much lower than it was with the old showerheads. The water comes out in a mist, and by the time it gets to your feet, it's just a fog and you can't even get your feet wet."

Zorro Farahmand ('81) was also displeased. He commented: "We have warm water, but it doesn't do much for us because it doesn't have enough pressure. We can't get the soap off of our bodies. If we didn't have any showerheads, it would be much, much better. We want our old showerheads back... with more pressure."

Robert Oriol ('80) gave one of the more strongly worded arguments heard among the residents when questioned by this reporter. He maintains that "the installation of the new showerheads in Stoddard B, being an unnecessary purchase, is designed to circumvent and cover up the true problem of insufficient hot water temperature and pressure."

On the third floor, populated largely with upperclass women, I found much the same opinions as on the lower two floors.

Judie D'Augustino ('80) said "They (the shower heads) are useless. I can't get my hair wet or clean with them. I know a lot of the other girls say the same thing. You can't even move the showerheads. You get mist, not spray."

Cathi Kirla ('79) mentioned that she thought that "They're (Plant Services) finding a secondary solution to the whole problem. They're going to continue to have a problem until they get right down to the basics of the problem."

Holly Kay Mekker ('79) said that "This is the third year in a row that it's happened. In my freshman year we were without hot water for two weeks straight. Last year we've had problems off and on with the

In the eyes of this weary reporter, it is very clear that the system that exists for upkeep and repair of the campus dormitories is highly disorganized and inefficient. There is little excuse for the pathetic mistakes and delays that occurred while a handful of men experimented to patch up a problem prone hot water system. There is no excuse for replacing perfectly good showerheads on the premise that it would fix a problem that obviously existed somewhere in the hot water heater. If the system was fixed properly the first time, the residents of Stoddard B would not now be suffering.

One must not also forget that it is the students themselves who pay rent to live in school dormitories. If a student living in an off campus apartment had problems with his utilities, I doubt that he would stand for three weeks of problems. In fact, he might even have recourse for withholding his rent from his landlord. We students have no such luxury. We must complain to our R.A.'s then wait and hope that someone in an administrative office decides to take action. If the proper action is not taken, all we can do is complain and wait again.

Throughout all the troubles this reporter has experienced to try to get things remedied, all the officials were at least willing to listen to my full story. For that I am appreciative. But between listening and getting things properly done, there is a large void. The sheer number of people in contact becomes an obstacle. It is hard to fight "city hall" when city hall has five different offices with five different people giving five different viewpoints. Trying to convince an administrator that you are not just some hyped-up troublemaker trying to make noise for his own benefit is enough to discourage anybody.

It has taken a great deal of energy to write this article, and this reporter is quite tired. I certainly hope something will be accomplished by these words, though it will probably take awhile. In the meantime, perhaps a nice hot shower would be in order.

# School takeover

(continued from page 1)

will eventually be under the direction of the school." Mr. Thompson hopes that the new pub board, in its advisory capacity, "Hopefully will be a strong, meaningful board... Their decisions should have a great deal of weight in the final determination of the operation of the pub."

Dean Bernard Brown, Associate Dean of Student Affairs, gave the school administration's viewpoint of the takeover. Dean Brown felt that school operation of the pub offers great advantages. One advantage is that a new manager has been hired by the school to operate the pub. He is in a fulltime position, "And is accessible to the school at all times... We didn't have that before. He has a master's degree... (and is what the administration feels), to be a professional in his field." Another advantage is that there will be now

a pub manager who can more easily coordinate dealing with the social committee, since he is employed by the school.

In addition, the financial records of the pub will be reported to the school. "If we have to say beer prices have to go up, the main reason would be that we're losing money and we're not making ends meet. And if that is the case, all one has to do is look at the financial statements."

A special meeting of the Pub board is due to be held in the Pub on this Tuesday, October 4th, at 12 noon. At this meeting, the final details of dissolving the Goat's Head Club and the transfer of the Pub to the school will be dealt with. As of Tuesday, the school will officially control the Pub. One hopes that this will be a successful venture for both WPI and its students.



# Volcano power

by Mark Kelsey

Another issue of explosive importance is that of whether or not to make use of volcanoes as a source of energy. In Hawaii, politicians dropped the issue like a hot potato (because the turbine generators alone would cost \$45 billion) when campaigning for governor. Before, there had been attempts by various groups (the Ku Klux Klan, the Honolulu Mafia, and the Communist Party) to use this source with little success. They tried everything: aluminum blades, magnesium blades, tungsten blades, platinum blades, silver blades, and even gold blades (all material stolen, of course), but they failed every time (I wonder why!).

Even though these attempts were unsuccessful, however, this got members of surrounding communities around the volcanoes quite nervous, indeed. One of their main concerns is not only about the fact that these groups would gain a source of energy for their operations, but also that they might be able to control the volcano and direct lava flows at will at any community they didn't like. So the legislature drafted and passed a bill that would appropriate \$70 billion of money (mostly from the U.S. government) to build a Magnaelectric power plant using turbine generators made out of solid diamond. Diamond, as you know, has an extremely high melting point and a very high cost, as well. Well, the night after the bill was passed through the legislature, the Governor, Lieutenant Governor, president pro-tem of the Senate, Speaker of the House, and the Attorney General were all mysteriously killed (we don't know who did it).

Therefore, it was necessary that the state of Hawaii elect all of these people (except money general, of course) and get the bill

passed. Well, volcanoes are typically formed when one continental plate goes under another and "re-absorbs" it (called the subduction process). This causes convection currents which are believed to make large plumes of lava rise to the surface. Fortunately, Hawaii happens to be one of those gifted areas blessed with volcanoes of a non-explosive nature. Unfortunately, large streams of lava flow from these volcanoes and occasionally wipe out villages.

Thus, the stage is set for one of the groups to move in and the Ku Klux Klan succeeded in building a large power plant there despite a court injunction levied against them at the request of the Society for the Protection of Hawaiian Volcanoes and the Sierra Club (The Association for the Diversion of Lava Flows and the Lions Club played no part in this, however).

However, two years later in the year 2000, when the Ku Klux Klan started to reap benefits from this enterprise having succeeded at wiping out the entire island with lava flows with the use of a hydraulic vacuum pump to draw up the lava, a mysterious thing happened. Snow began falling on the island! Not only that, but the volcano became dormant and the lava froze solid. Two things had caused this "unfortunate" thing to happen to the "poor" members of the Ku Klux Klan. First, the United States center for Climatological Control, headed by the aging Don Kent, had sent down a large polar air mass from Alaska to freeze the island solid. The second thing that happened was the sucking up of so much lava by the pump caused the convection currents to shift and make the volcano dormant. So much for that experiment!

Source: *Scientific American*, August, 1976, p. 48.

# Jobs

During A and B Terms this Fall, 14 WPI students will be engaged in off-campus full-time employment which they started in June 1977 as participants in the WPI Undergraduate Employment Counseling & Placement Program. Another six students have just returned to campus after completing an employment placement which started in January 1977, and extended through C and D Terms and the summer. In total some 27 students have now participated in one or more periods of employment since initiation of the program in January 1976.

The Undergraduate Employment Counseling & Placement Program provides students an opportunity to engage in two extended periods of eight months each of full-time paid career-related employment as part of a five-year degree program. Such practical experience can assist the student to make better career decisions, provide more meaning to subsequent academic studies, develop human relations skills as well as providing a supplement to financing of college expenses. Some students have uncovered ideas for MQP projects to be carried out on return to campus.

Students enter the program for the first eight month work period starting in June after the sophomore year, return to campus for the four terms of the junior year and then engage in a second eight month work period from January to the opening of A Term in September. Participants extend their total degree period to five years. The UCEP Office is responsible for locating employers who provide the work opportunities and for coordinating the placement of students. These work periods do not receive academic credit and cannot be substituted nor used for MQP or IQP project requirements. Participants retain student status while in UCEP work placements.

Employers who have provided work placements include New England Electric Systems (including Yankee Atomic Electric), Micro Network Corp., GenRad, Jamesbury Corp., Simmonds Cutting Tools, General Motors Assembly Plant, Norton Co., Nylon Products, Sippican Corp., Bay State Abrasives, Smith & Wesson, U.S. Army Corps. of Engineers, Foxboro Co., Microswitch (Honeywell), Dennison, Mfg. Co., General Electric Silicone Products Dept., Mine Safety Appliance, Sperry Univac, and Prime Computer.

Additional employer contacts are being developed to handle the increasing number of students interested in this option. It is expected that 50 to 60 students in each class will eventually participate. The program is available to students from all departments. Job placement is not guaranteed.

Employers have expressed very favorable evaluations of WPI students participating in the program to date. Students returning from their first work cycle also report very favorably on their experience, not simply as a means of testing their engineering skills but also for the insights into the day to day problems of developing and manufacturing products and working with other members of the organization.

Planning and implementation is now underway for placement of students in the January 1978 and June 1978 work periods. Substantial lead time is essential. Freshmen, sophomores and juniors interested may contact Frank C. Benner, Director of Undergraduate Employment Counseling & Placement, Olin Hall 301, by calling ext. 549, or by attending one of the information meetings held during A and B Terms. Information meetings for sophomores and juniors are scheduled for 4:00 p.m. Oct. 11 - Salisbury 121B, and 6:30 p.m. Oct. 12 - Stratton 202.

# Fire!

The field of Fire Protection Engineering is a new rapidly expanding field in the engineering world today. Certain individuals are just beginning to realize that fire protection and engineering can be synonymous.

What is the S.F.P.E.? The Society of Fire Protection Engineers was founded in 1950. Its goal was to accelerate the application of science to the field of fire protection.

The first student chapter of the S.F.P.E. was established at WPI. It is the only national professional interdisciplinary society on campus. Our purpose is to

integrate engineering education to the fire protection field. It doesn't matter whether your engineering pursuits are Chemical, Civil, Electrical, Mechanical, Biomedical, or even in Chemistry or Physics. Fire Protection education at WPI is readily adaptable to the plan. The IQP and MQP, as well as other project work, can apply the engineering process to the fire problem.

The next meeting of the S.F.P.E. is at 7:30 p.m., Oct. 10 in Higgins 101. The speaker will be Mr. Rexford Wilson, President of Fire, Pro., Inc. He will speak on engineering education at WPI and professional practice in fire protection.

**Arby's worcester**  
622 Park Avenue  
AT WEBSTER SQUARE

# Dentists

The Quinsigamond Community College Dental Hygiene Clinic located at 670 West Webster St., Worcester, is now accepting appointments for dental cleaning, x-rays, fluoride treatments and patient dental health education. The services are available on Tuesdays and Thursdays. Appointment times are 9:30, 11:30 and 2:00 p.m.

The clinic is staffed by dental hygiene students who are supervised by qualified hygienists and a dentist.

For further information or to schedule an appointment please call (617) 853-2300, ext., 306 on Tuesdays and Thursdays or extension 265 on Monday, Wednesday and Friday. A nominal fee is charged for the services.

# Help!

To assist physically handicapped or disabled children, teenagers and adults who participate in the Worcester swim program to be held at the Y.W.C.A., 2 Washington Street, Worcester. The adult swim program starts Tuesday, September 20, 7:00 to 8:00 p.m., the teen swim program starts Saturday, September 24, 10:00 to 6:00 p.m., and the children's swim program starts Saturday, September 24, 10:00 to 5:00 p.m.

Volunteers must be good swimmers (previous teaching experience is helpful). There will be a training session prior to the first session on September 24, for the teen and children swim at Y.W.C.A., Worcester.

If interested please call Barbara Brandt Happy at the Easter Seal Regional office, telephone # 757-2891, if you can volunteer a few hours a week. Your help is urgently needed.

PLEASE HELP!

Present this coupon and save at Arby's!

**2** Arby's **\$1.60**  
For Only  
**ROAST BEEF SANDWICHES**  
Buy up to 10 in multiples of 2 at this price with this coupon. Offer valid thru October 31, 1977.



Good at participating Arby's in Massachusetts.

Present this coupon and save at Arby's!

**2** Arby's **\$1.60**  
For Only  
**ROAST BEEF SANDWICHES**  
Buy up to 10 in multiples of 2 at this price with this coupon. Offer valid thru October 31, 1977.



Good at participating Arby's in Massachusetts.

Present this coupon and save at Arby's!

**2** Arby's **\$1.95**  
For Only  
**SUPER ROAST BEEF SANDWICHES**  
Buy up to 10 in multiples of 2 at this price with this coupon. Offer valid thru October 31, 1977.



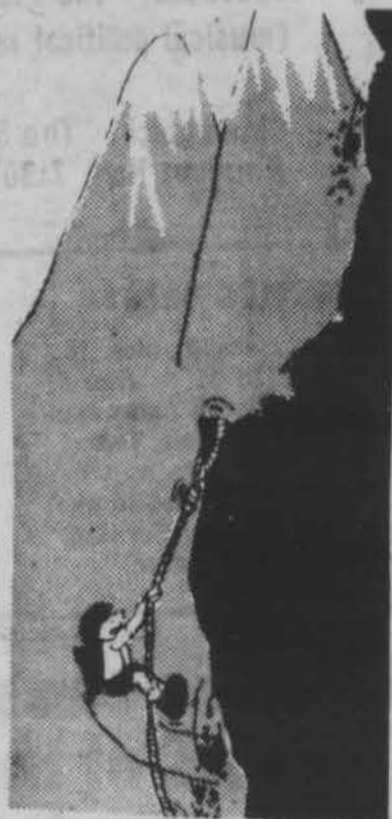
Good at participating Arby's in Massachusetts.

Present this coupon and save at Arby's!

**2** Arby's **\$1.60**  
For Only  
**ROAST BEEF SANDWICHES**  
Buy up to 10 in multiples of 2 at this price with this coupon. Offer valid thru October 31, 1977.



Good at participating Arby's in Massachusetts.



**SPREE DAY IS COMING.....**



# Laws/Metheny

reviewed by Maureen Higgins

The hall was half-filled or half-empty, depending on your philosophical outlook. The audience, mostly non-Techies, was a small but enthusiastic group. A responsive audience such as this lends energy to the performers and made for a better show.

If you had seen Pat Metheny and group at Clarke University, you would have noticed this show was very much like that one; they played songs they hoped would make them look their best to that kind of audience. The show was rock oriented for the college campus. They played mostly original and previously unrecorded songs including Facedancer, San Lorenzo, and two untitled numbers. (Pat Metheny has a hard time with the naming process.) The freeflow, sometimes mellow, long, but not drawn out music was pleasurable listening. Their distinctive brand of music is almost classical in the way it builds on itself. The band consisted of Lyle Mays on the keyboard, bassist Mark Eagan, who has played with David Sanborn and The Pointer Sisters, Dan Gottlieb, previously with Joe Farrell, Pat Martino, and the Gary Burton Quartet, on drums, and Pat Metheny on the six-string, electric six-string, and electric twelve-string guitars. They are fans of just playing and strive for excellence with every show. In fact, according to Metheny, even on their worst nights, they still don't sound bad. And Friday's show was not of their best.

They would have liked to play a greater variety and more kinds of music but were restricted by the circumstances of the show. Even though Pat Metheny is the youngest member of his own band, he runs a tight ship. He is striving to do something about the deplorable state of music. He feels electric music is in a rut. Metheny is trying to give more both musically and dynamically, and contribute to the ongoing course of music. Hopefully, his new album, which contains the songs he played here and is due this spring, will accomplish his aims. He plans a long term career that is as musical as possible from start to finish. He is off to a good start. And to quote "I would

play for free anytime." I hope to see him again at WPI and I think most of the audience would agree.

The show moved quickly over to Ronnie Laws and his band. The set opened with "Captain Midnight", an appropriate number as it was quite late when they did start to play. The whole show was active, rhythmic, energetic, and also, very good. The set included "New Day," "Stay Still," "Saturday Night," "Friends and Strangers," a personal favorite, and ended with "Always There". Maybe they won't always be there, but they will be big on the music scene for quite a while.

The six-member band of California based musicians was made of Bobby Vega on Bass, Barnaby Finch on the Keyboard, Melvin Robinson and Pat Kelly on electric six-string guitars, drummer Greg Rico, formerly of Weather Report, and Ronnie Laws on soprano and tenor sax. They are the kind of band who likes to be consistently good, and bring the best quality music to their audience. Fortunately, the audience was the kind of audience who really gets into the music that they pay to see. The band puts alot into each show. According to the group, the first show has been better than the first, but then, who saw both except those working on the show. Even so, "Saturday Night" and "Friends and Strangers" approached studio quality, the words were heard even when the vocals were nonexistent. The crowd was on its feet and bobbing around by the end of the show, a feat at any WPI performance. According to Ronnie Laws, they received good service here and would return if they had the opportunity. The band drove off into the night in their luxury liner bus for bigger and better things like a sold out performance at Carnegie Hall the next evening.

It was a good experience for WPI to have two such musically conscientious groups on campus. Not enough people took advantage of this, and we probably will never again have a chance to see them playing to such a small audience.



Pat Metheny

photo by Mark Hecker

## Superman?

The stage was set; podium and microphone standing in a single spot. Prof. Corey, however, chose to address his audience from the front row, making it difficult for much of the packed house to see his diminutive stature but impairing no one's ability to laugh at his zany opening remarks.

"Well, here we are in Worcester (Burp). What a toilet!"

Prof. Irwin Corey, looking much like a refugee from a Salvation Army rummage sale in his tuxedo jacket, western bow tie, and high black sneakers, took a moment to reflect upon his origins.

"Greenwich Village: That's where a man of moderate means can live like a queen."

Prof. Corey moved to center stage and reopened his performance with a prayer in Latin for the Watergate conspirators. He

didn't stay there long, however, finding it often necessary to personally direct his jokes to various members of the audience. "Young man you don't have to cross your legs. You're safe here."

After a completely disjointed lecture, Professor Corey entertained questions from the audience.

Q—"Is there sex after death?"

A—"Are you interested in learning how to get laid in the coffin?"

Q—"Do you come from Boston?"

A—"You must think I'm Superman."

The questioning got spirited at times, but Prof. Corey slowed it down saying, "All right, from now on I'm just going to take questions from people." After more than an hour of controlled hysteria, Prof. Corey drew his act to a close receiving a standing ovation from the appreciative crowd.

Tues. 4 - Coffeehouse Entertainment, "Sue Schauble", Wedge, 9 p.m. (teaser at 5 p.m. ).

Wed. 5 - Dance Nite, Pub, 8-11 p.m.

Sat. 8 - Pub Entertainment, "Chris Martin Band," 8:30 p.m.

Mon. 10 - Spectrum, "The Proposition" (musical political revue), Alden Hall, 8 p.m.

Tue. 11 - Cinematech, "The Spirit of the Beehive", Kinnicut Hall, 7:30 p.m.

### SLIMNASTICS CLASS

Linda Silva would like to offer a class to 15 or more interested ladies on campus. Cost \$20 for 10 lessons. These exercises are done to music, good for trimming and firming up. Call Dorothy Forsted at Ext. 294 if interested.

### WPI

### CLASS RING DAY

THURSDAY, OCTOBER 13TH

10 A.M. TILL 4 P.M.

WPI BOOKSTORE

Think you can stop the tight end of the New England Patriots?

Call Russ Francis at 482-6359.

## Entertainment:

### ATLANTIS SOUND, INC.

328 MAIN ST. WORC.



dolby, front load decks

STD 1700 ➔ \$89<sup>00</sup>

STD 1800 ➔ \$135<sup>00</sup>

### BIC VENTURI SPEAKER SYSTEMS

FORMULA 1 and FORMULA 2

\$49<sup>95</sup>

Only 12!

\$99<sup>95</sup>

Only 8!



\$69<sup>97</sup>



MODEL 1

### B.I.C.

920 automatic belt - dr. complete \$69<sup>95</sup>!

### PHILIPS

### HIGH FIDELITY COMPONENTS

Turntables: GA222 Fully-Automatic \$169.00

GA312 Semi-Automatic \$139.00

Speakers:

Model 476 - 12" 3-way system \$340.00 pr.

### "RED TAG SALE IN PROCESS"!

Limited Quantities

#### SPECIAL COUPON

- TDK SA-C90 \$30.00 case
- AKG K140 headphones \$29.00
- SHARP RT-1155 \$139.95 (cassette recorder)

#### STORE HOURS

MON.-FRI.  
10-9  
SAT.  
10-6

757-7700  
757-7709





Ronnie Laws

Ann-Marie Robinson

# Paradise . . .

by Maureen Higgins

Sunday, September 24th, was the date of my second Boston foray ever. It was somewhat eventful. If you are ever going to the Paradise Theatre, remember to bring an I.D. verifying your age, which must be eighteen or better. Also, try to buy your tickets before you drive up there and find the show has been sold out since the day before, and you have to wait to see the late show. And by that time you'll be so tired that whatever is playing will go right by you. At least that's how it was for me at the Livingston Taylor and Poussette-Dart show. The two Liv Taylor songs I do recall are "Grandma's Hands" and "Something in the Sky." Both of these were fast paced while most of the set was mellow. He did get three standing ovations all the same. The Poussette-Dart Band was recording the show "live" and this psyched up the audience. I mean it's not everyday you get the chance to be on a record. They played many of the crowd's favorites from their first album, and some from their recent release, *Amnesia*, but I forget which ones. Oh, well, it was late...

Learn how to apply  
**STAGE MAKEUP**  
from a professional . . .  
All Are Welcome!  
**FREE**  
Back Room in Alden  
Tuesdays starting Oct. 4  
7 p.m.

## Preview

by Ken Mandile

Tonight, the WPI Social Committee will present a Coffeehouse concert in the Wedge. The free concert will feature Sue Schauble, a 22-year-old vocalist and acoustic guitar player.

The 5'10" blond, blue-eyed Schauble plays a wide variety of music, including show tunes, top 40's, folk and blues. By blending a strange but pleasant voice with fine guitar playing, Ms. Schauble does justice to the music she performs.

Sue has been lead vocalist, guitarist and bass guitarist in two bands, Mombasa and RMS. She is presently performing in the Hartford, CT-Springfield, MA area.

Ms. Schauble will perform in the Wedge at 9:00 tonight.

# EARN OVER \$600 A MONTH FOR THE REST OF YOUR SENIOR YEAR.

If you are interested in math, physics or engineering, the Navy has a program you should know about.

It's called the NUPOC-Collegiate Program (NUPOC is short for Nuclear Propulsion Officer Candidate), and if you qualify it can pay you as much as \$611 a month for the remainder of your senior year. Then after 16 weeks of Officer Candidate School, you will receive an additional year of advanced technical education, education that would cost thousands in a civilian school, but in the Navy we pay you. And at the end of the year of training, you'll receive a \$3,000 cash bonus.

It isn't easy. Only one of every six applicants will be selected, and there are fewer than 300 openings. But those who make it find themselves in one of the most elite engineering training programs anywhere. With unequalled hands-on responsibility, a \$24,000 salary in four years, plus travel, medical benefits and education opportunities.

For more details on this program, ask your placement officer when a Navy representative will be on campus, or call the Officer Program Office listed below; or send your résumé to Navy Nuclear Officer Program, Code 312, 4015 Wilson Blvd., Arlington, Va. 22203. The NUPOC-Collegiate Program. It can do more than help you finish college; it can lead to an exciting opportunity.

OFFICER PROGRAMS OFFICE, NAVY RECRUITING DISTRICT, 518-472-4424/4462

# NAVY OFFICER. IT'S NOT JUST A JOB, IT'S AN ADVENTURE.



# New Computer

by Jean M. Martin

Toward the end of August, the Computer Science department was given two mini computers, worth in the neighborhood of two hundred and fifty thousand dollars. The computers, gifts from Raytheon Corporation, are currently waiting to be checked out by the company. Once checked, final installation will begin, although the CS department is not yet certain as to where the machines will go, *Newspeak* was told by Prof. James Perry.

The machines are presently being stored in Higgins, and there is a possibility that they will be installed there. One estimate for the cost of wiring the storage room to serve the computers was quoted at four

thousand dollars. While the exact location hasn't been decided on, the ultimate choice will be made with an eye toward serving the students in the greatest possible way.

Although the department knew ahead of time that Raytheon was donating the machines, they did not know the exact date of delivery. Thus, when the computers arrived (at roughly the same time as equipment from three other companies), the CS department was mildly surprised. Raytheon began checking procedures in the beginning of September, but still must return before the machines can go operational. As soon as they are finished, and the proper location is found, the machines will be used.

## Classifieds:

**WANTED** — Washer and dryer. Must be very reasonably priced. Call 756-9884 and ask for Ken Varnum.

**FREE** — One brown tiger-stripe kitten, one black kitten with white spots. Landlord says they must go. Call 756-9884.

**FOR SALE** — 1975 Chevrolet Monza town coupe, orange with white interior, and white vinyl roof. Excellent gas mileage. 5-speed transmission. **MUST SELL.** Call Jeff at 752-4546 or write box 1661.

**FOR SALE** — Sue Schauble, 5'10", blue eyes, blond hair, sings and plays guitar, low mileage, must be seen to be appreciated. Free test drive Tuesday evening in the Wedge.



photo by Andy Gelbert.

### It's Time Again!

Last week's photo got leaked to the entire campus. Sorry, but the judges have decided to void the results! This week, we've chosen a particularly good subject (i.e., one not generally known to Mr. X). Send all entries to:

### Newspeak Photo Hunt

Week Three

Box 2472

### WPI SOLAR ENERGY SOCIETY

1st Meeting

**THURSDAY,  
OCT. 6, 1977**

4:15 p.m.  
300 Washburn

Speaker:

**JOHN CHRISTOPHER**

President of  
Contemporary Systems, Inc.  
Jaffrey, N.H.  
manufacturers of the  
Integrated Warm Air  
Solar Heating System

All interested are welcome.

Can you write a resume?  
Can you write an **Impressive** resume?  
Come to **Resume Writing Night**  
and let the experts show you how!  
with Mike Ahearn (Norton Co.)  
and Bill Trash (Placement Office)

**Tuesday, October 11, 1977**

Olin 107 7-9 p.m.

— Sponsored by SWE —

Attention: Sophomores & Juniors  
Learn about the WPI Under-  
graduate Employment Counseling &  
Placement Program.

Combines academic program with  
two extended periods of paid,  
career-related employment. Job  
opportunities for Jan. 1978 and June  
1978.

Information Meetings

Tuesday, Oct. 11 — 4:00 p.m. —  
Salisbury 121.

Wednesday, Oct. 12 — 6:30 p.m. —  
Stratton 202 or call F.C. Benner, ext.  
549.

Tuesday, Oct. 11 — 4:00 p.m. —  
Salisbury 121; Wednesday, Oct. 12 —  
6:30 p.m. — Stratton 202 or call F.C.  
Benner, ext. 549.

**Parking regulations will be enforced by WPI  
Campus Police beginning this Thursday, October 6.  
Stoddard residents are advised to park in the Stoddard  
lot; Ellsworth residents in the Ellsworth lot; and  
Fuller residents in the Fuller lot.**

If you are interested in spending the fall or spring term studying in London, you are invited to attend the open meeting for potential London exchange students on Monday, October 10 at 4 p.m. in the Library Seminar Room. Faculty and students on the exchange will be available to answer questions. A videotape on the City University (London) program is recommended as background (A-V Room in the library).

### HOUSE FOR SALE OR LEASE

Excellent for fraternity or sorority, student or faculty. Walking distance WPI, business zoned. Inquiries: NEWSPEAK, if can't reply c-o NEWSPEAK then: Box 1588, WPI.

Today's Barbering & Hairstyling

### HAIR TODAY

CENTRAL BUILDING

332 Main St. Rm. 201

WORCESTER, MA. 01608

799-6100

MARY  
CHARLES

Mon.-Fri. 8-5

Wed. & Sat. 8-1

by appointment or walk-in

### HIGHLAND PHARMACY

104 HIGHLAND STREET

WORCESTER, MASS.

PHONE 756-0594

**10% DISCOUNT**

on most drug store needs with WPI I.D.

### SAVE THE DATES

**FRIDAY**

**NOVEMBER 18**

**AND  
SATURDAY**

**NOVEMBER 19!!!!**

**We have it  
on high authority  
that sharing the  
ride is a very  
good idea.**

It made sense to Hoah  
And it still holds true  
today. Sharing the ride with  
just one other person can cut  
your commuting costs in half.  
Think about it.

Share the ride  
with a friend.  
It sure beats  
driving alone.



WATCH FOR WPI CARPOOLING  
IQP QUESTIONNAIRE COMING  
SOON.

The largest selection  
of hard aluminum  
**MEASURING TOOLS**  
in the country!

### FAIRGATE

STRAIGHT EDGES/T-SQUARES  
METRIC RULES/L-SQUARES  
CENTERING RULES  
TRIANGLES/CURVE STICKS  
INKING RULES  
and many others...

See them  
at your  
Bookstore!





©1977 J.B. SCHLITZ BREWING CO. MILWAUKEE, WIS.

# WHY IS SIGLINDA STEINFÜLLER DEAN OF BEER?

## WHY NOT?

Fellow Beer Persons,

Life is full of unanswered questions such as: Is there intelligent life elsewhere in the universe? And if so, do they wear socks?

In beer, however, there are no unanswered questions. Because there is only one word for beer, and you know it.

Schlitz.

Therefore, as your Dean of Beer, I suggest you research the essential rightness of the word for yourself at your next social function. Or even your next antisocial function.

And please note: The recommended source material for locating the word can be found in any phone booth. In other words, look in the Yellow Pages. Under "Beer."

Thank you.

**THERE'S JUST ONE WORD  
FOR BEER.**



**AND YOU KNOW IT.**



**LION DISTRIBUTORS, INC.**

Worcester, Massachusetts



# SPORTS

## Gridmen win

by Barry Aronson

Last Saturday's rain held off just long enough to let the WPI football team beat Union College 20-13. In the last two games WPI played, both of which were contested in the rain, the Engineers took a bad beating.

Such was not the case last Saturday. Tech won the toss and started the first drive of the game on their own 34 yard line. WPI wasted no time establishing who was boss. Mike Robinson and Alan Simakauskas did a lot of work on the ground to get the ball deep into Union territory. The drive seemed to stumble, but was saved by a 12 yard pass from Quarterback Art Hughes to Simakauskas. Five plays later Robinson took the ball into the end zone. The 66 yard scoring drive took over six minutes, but showed that Tech was in command.

WPI's defenders, who missed injured Bob Guarasi, were led by Serge Ochrimenko, Mike O'Hara, Bob Yule, and Scott Hansen, and kept Union to a half time total of 64 yards. Tech played some really fine ball, but could not quite capitalize on their dominance of the game until late in the first half.

WPI found themselves at the Union 26 yard line when Quarterback Art Hughes was dropped for a loss of 15 yards. The Tech offensive line had been having trouble giving Hughes adequate protection, but did not have to worry this time. Tech punted the ball and Union had to take over on their own three yard line. Union could not move the ball anywhere and to punt it away. The punt was short, and WPI took over possession of the ball at the Union 24 yard line. Hughes kept the ball for the next three plays, getting a first down, and then tried two passes, both of which were incomplete. WPI took a time out, and then came back to score on a throw from Hughes to tight-end Brian McCarthy. The extra point was good, setting the score at 13-0. Union tried to put some points on the score board, but could only get to the 50 yard line before Scott Hansen caught Andy Terranova, Union's quarterback, behind the line of scrimmage.

Union elected to receive the second half kick off. On the ensuing drive Tech appeared to be repeating the pattern they have followed in their last two games; that is to look decent in the first half, and then

seem to fall apart in the second half. With some great running by Union's star back, Rich Romer, and Terranova, the Union offensive squad roared down the field, never once running into any resistance from the Tech defenders. Union took 14 plays and 5:25 to complete their 56-yard scoring drive.

On the following drive, Tech came right back, but were stalled by a holding penalty. To add to Tech's troubles Mike Robinson, who ran the ball well all day, was injured. Tech could not get a first down on the third and long situation, and gave the ball back to Union after missing a 31-yard field goal.

Union was not to keep the ball long. Freshman John Sansoucy intercepted one of Terranova's passes and ran the ball back to Union's 25-yard line. WPI did not wait long to capitalize on the interception. Hughes gave the ball to Robinson, who looked unharmed from his injury, twice, kept it once, and then found Paul Fernside open for a touchdown pass.

The Engineer's defense got tough and slowed down the Union offensive squad. Tech's worries were not over, though. Hughes was intercepted at the 50-yard line, setting up a Union touchdown, which came at 5:02 left in the game. The point after was no good, and the score was 20-13.

Union did not waste any time trying to put more points on the scoreboard. They tried an onside kick, which went too long and was recovered by Tech. On the drive that followed Mike Walker reached the 2000 yard mark for a WPI career total. During half time, the Clinton Exchange Club (Mike's hometown is Clinton, Mass.) honored Mike Walker's outstanding career at Tech with a simple award ceremony, and then had the hero do a lap of honor.

Tech had to punt the ball to Union, who had still not given up. Union started what was to be their last drive of the game, on their own one yard line, with 1:42 left in the game. They made steady progress towards the Tech goal line until Jeff Rosen intercepted one of Terranova's passes and ended Union's last chance to tie the game.

All the Engineers had to do was kill 17 seconds and they had their first victory of the season. Coach Massucco said, "I'm glad for the kids. They've worked hard this week." He went on to say that he was not sure what would happen against Bowdoin, next week's game.



Pete Rowdin [18] grabs on.

photo by Andy Gelbert

## Booters shut out MIT

by Tom Rockwood

The Soccer team had another up and down week last week, pulling out a well-played 4-0 shutout over MIT, and managing a 1-1 tie with Tufts.

In a game very reminiscent of the Brandeis-WPI Division III New England Final last year, the WPI booters poked home four unanswered goals in the first half against MIT. With a decided wind advantage at the outset, WPI knew they had to make the best of their opportunities. That they did, as Dave Partridge began the barrage by lofting a corner kick that eluded the MIT goalie, just three minutes into the game.

Ten minutes later, another corner kick resulted in a goal as Jim Lukas was on the receiving end of a Brian Clang header. Midway through the first half, John Pavlos and Leo Kaabi teamed up on a nice give and go, as Pavlos sneaked the shot by the goalie, upping WPI's count to 3-0. Finally, not to be outdone by their previous effort, Kaabi and Pavlos combined again, with Pavlos taking a pass from Kaabi and blistering a 25-footer that the goalie still hasn't seen. The WPI booters were more than happy to take a 4-0 lead into half-time, knowing full well that they would be running up against a stiff wind in the second half.

To compensate for the wind disadvantage, Coach King switched from the normal 4-3-3 combination, with 3 halfbacks and 3 fullbacks, to a safer 2-4-4 defense, giving the added strength of 4 halves and 4 fulls. The defensive strategy paid off as WPI successfully thwarted MIT's attempts to score, and recorded the 4-0 victory. The shots on goal told the story, as WPI had 20 shots, while Goalies Bob Grochmal and Dale Spencer combined to stop only eight MIT shots. Strong defensive efforts by Larry Hindle, Dave Fisher, Larry Shiembob, Brian Clang, Steve Superson and Dave Partridge secured the win for WPI.

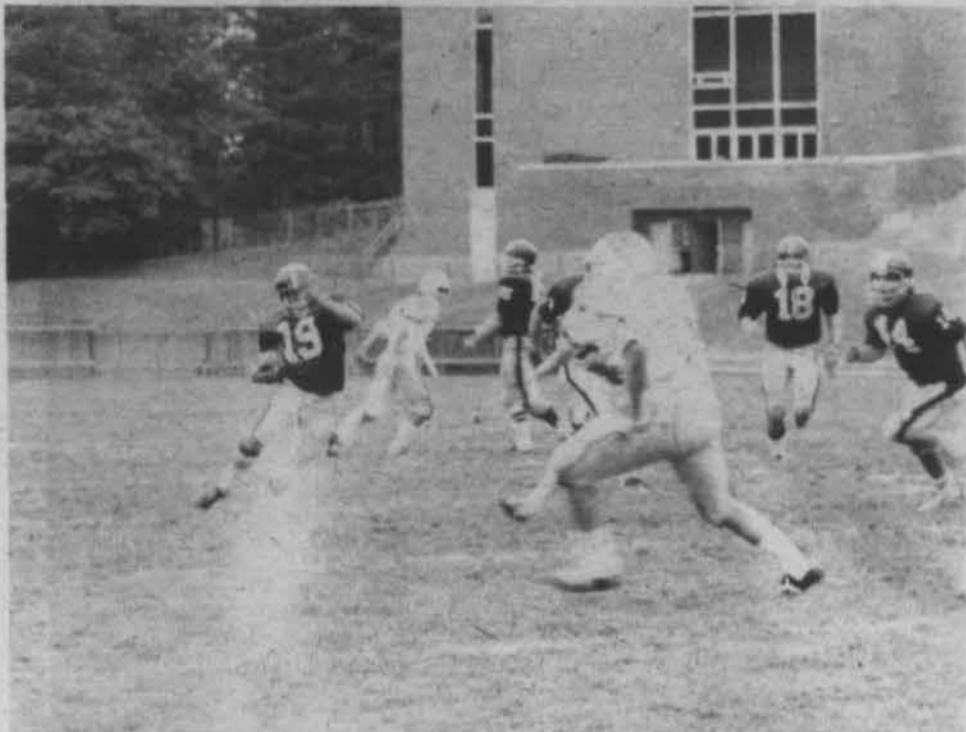
The story of the Tufts game was that WPI simply did not get any breaks. The Engineers played well enough to win, but, somehow, just couldn't put it all together. The afternoon began on an optimistic note, as midway into the first half, Steve Superson sent Leo Kaabi in on a partial breakaway and Kaabi booted home the goal. The 1-0 lead held up throughout the first half, with WPI enjoying a slight territorial edge, outshooting Tufts, 9-8.

The tide turned in the second half as Tufts amassed an attack and rallied to notch the score at 1-1, with 11 minutes gone. Despite near total domination by the Tufts unit, WPI was able to stave off the onslaught and send the game into overtime.

In the first overtime, everyone but the referee felt that WPI had put the go-ahead goal on the board. John Pavlos rifled a drive that hit the post and followed up the rebound with a shot that appeared to go over the goal line. A Tufts defender seemed to bat the ball out with his hand, but the referee let it ride, and the first overtime ended with the teams still deadlocked at 1-1.

The second overtime was similar to the second half, as Tufts assumed the territorial advantage. But, again, the WPI defenders held them off, as the game ended 1-1.

Notes: The breaks definitely weren't with the Engineers on Saturday against Tufts. Leo Kaabi, who scored the first goal, ran into the goal post on another scoring attempt and broke his collarbone. His services may be lost for the season, which could be a crippling blow...The J.V. Soccer team began their season on a winning note with a come from behind 2-1 victory over Central New England College. They play this afternoon at Dean Junior College...Through five games, WPI's record is 3-1-1, as they have outscored the opposition, 11-3...The varsity booters continue their road show this afternoon at the University of Lowell, and this Saturday at Clark.



Jeff Rosen [19] pic off pass.

photo by Steve Kmietek



## SPORTS

Tue. 4

JV Soccer vs. Dean Jr. away, 3:30 p.m.

Cross Country vs. Tufts/Bentley, away, 4 p.m.

Thu. 6

Soccer vs. U Lowell away, 3:30 p.m.

Sat. 8

JV Soccer vs. Worcester Academy, away, 10 a.m.

Football vs. Bowdoin, away, 1:30 p.m.

Soccer vs. Clark, away, 2 p.m.

Cross Country vs. Bates, away, 2:30 p.m.

Tues. 11

Soccer vs. Babson, Home 3:30 p.m.



# Tennis

by J. Gordon Gregory

After seemingly endless rain, the WPI Women's Tennis team came out on Tuesday, Sept. 27 to meet the girls from Gordon College. It was a day of tricky winds, but even with that handicap and the fact that the girls had had no practice for eleven days, the WPI women made Tech history by winning their first match ever.

Let that make you think that the team is a poor one, take into consideration that the team has not been around very long. It has been long enough, however, and the team's win on Tuesday is hopefully one of many. It was close, though; Tech did lose three out of seven matches, and you can't get any closer than that. First ranked Freshman Karen Scala had her first win of the season, putting her Gordon opponent away, 6-2, 6-4. Red-hot Freshman Cathy Girouard, No. 4, won her match to remain unbeaten for the season, 3-6, 6-3, 6-0. Number five Deb Hamilton won her first match of the season, 6-3, 6-2. The fourth win for WPI was delivered by the Dynamic Duo of Andrea Armour and Cathy Linehan, playing in the no. 1 doubles slot. They won handily, 6-2, 6-2.

The next day, Sept. 28, WPI met Worcester St. College. This match had been rained out twice; first, on the previous Saturday, and then again on Monday. Finally, the weather cleared to give Wednesday's match excellent conditions.

A singles win by no. 5, Freshman Deb Hamilton, 6-4, 7-6, and a sweep of the two doubles matches gave the Tech girls a decent, three out of seven showing against a usually tough competitor. The no. 2 doubles team of Mary Dunn and Michelle Neville played a see-saw match and finally won, 6-1, 1-6, 6-2. The still Dynamic, but slow, Duo of Andrea and Cathy beat their opponents finally in the third set when darkness forced a tie-breaker with the game score at 4-4. The final score was 4-6, 6-2, 5-4.

After a day's rest, the team travelled to Clark U. to meet some tough opposition. Now no. 3, Freshman Cathy Girouard was the only winner for WPI, winning 6-3, 6-2. The fact that it was an away match probably did affect the outcome. Clark's six new courts are a strong contrast to WPI's four "good" courts, the most significant differences being sun angle and wind screens. Maybe, someday...

All in all, it was a good Tech Tennis. The girls picked up their first win and made a strong showing against a tough team. The loss to Clark was not traumatic, since we didn't expect to win anyway. This week, the Tennis team goes against Assumption and Emmanuel; both should be good matches. Next week, there will also be a report on a team that you probably didn't know existed: Field Hockey. And there are two guys on that team.

# WPI Soccer — 1977

WPI SOCCER 1977

NAME	POS.	CLASS	HOMETOWN
Abdell, Mohamed	F	80	Hussein Dey Algiers, Algeria
Amrouni, Mohammad	HB	80	Annaba, Algeria
Bachiochi, Dave	HB	79	Stafford Springs, Ct.
Blair, Sean	FB	81	Rocky Hill, Ct.
Clang, Brian (Co. Capt.)	HB	78	Braintree, Ma.
Ellenberger, Jim	G	81	Henniker, N.H.
Fisher, Dave	FB	78	Westfield, Ma.
Fisher, Tim	FB	79	Westfield, Ma.
Greene, Rod	F	81	Windsor Locks, Ct.
Grochmal, Bob	G	78	Springfield, Ma.
Hammond, Thom	HB	78	Worcester, Ma.
Hindle, Larry (Co. Capt.)	FB	78	Warren, R.I.
Huntley, Brian	F	80	Sheepscott, Me.
Kasbi, Leo	F	80	Teheran, Iran
Kujawski, Peter	HB	79	Webster, Ma.
Lukas, Jim	F	78	Auburn, Ma.
McNeff, Jay	FB	80	Latham, N.Y.
O'hara, Peter	FB	80	Quincy, Ma.
Partridge, Dave	HB	81	Rocky Hill, Ct.
Pavlos, John	F	78	Lamia, Greece
Shiembob, Larry	FB	78	Rocky Hill, Ct.
Shorrock, Artie	HB	81	Franklin, Ma.
Spencer, Dale	G	81	Rocky Hill, Ct.
Superson, Steve	HB	78	So. Hadley, Ma.
Tadler, Abdul-Kader	F	79	Oran, Algeria
Trepanier, Tom	HB	80	Loudonville, N.Y.
Utzachnieder, Rich	F	81	Shrewsbury, Ma.
Woodbury, Tom	FB	81	Kansas City, Mo.
Zahera, John	HB	80	Monson, Ma.

Head Coach: Alan King  
 J.V. Coach: Tim Driscoll  
 Managers: Dave Chin, '78  
 Heather Cate, '81  
 Bob Tarverdian, '81

# WPI pistol team

W.P.I. Pistol Team  
 Worcester County Pistol League  
 Match Schedule for 77-78 Season

Term A & B				Term C & D			
Norco	Away	Tues.	Sept. 20	Rutland	Home	Mon.	Feb. 6
Hudson	HOMe	Mon.	Oct. 3	Leominster	Home	Wed.	Feb. 8
Leominster	Away	Mon.	Oct. 10	N. Brookfield	Away	Tues.	Feb. 14
Worc. R&P	Away	Mon.	Oct. 17	WPD	Home	Mon.	Feb. 20
N. Brookfield	Home	Mon.	Nov. 7	Worc. R & P	Home	Wed.	Feb. 22
WPD	Away	Tues.	Nov. 8	Morgan	Away	Tues.	Feb. 28
Morgan	Home	Mon.	Nov. 14	Heald	Home	Mon.	March 6
Rutland	Away	Tues.	Nov. 29	Woodsman	Away	Tues.	March 14
Heald	Away	Wed.	Nov. 30	Ashland	Away	Wed.	March 15
Ashland	Home	Mon.	Dec. 5	Norco	Home	Mon.	April 10
Hopedale	Away	Tues.	Dec. 13	Hopedale	Home	To be arranged.	
Woodsman	Home	Mon.	Dec. 19	Hudson	Away	To be arranged.	

If you have any questions about the team call or see Rich Skowronski, Box 1523, 753-2305.  
 Range Hours  
 Open Shooting: Mon.-Thurs. 7:00-9:00 p.m.; Sat. 1:00-5:00 p.m.  
 Team Practice: Tues.-Thurs. 3:00-5:00 p.m.  
 Interested in membership? Call or see Peter Schoonmaker, 754-8622, Box 2502.

Two work study positions available through the IQP Office. Learn valuable public interest skills. Interested students call Charlie Harak, 754-6791 or leave a message in PIRG office, 3rd floor Washburn.



## PLANNING STUDENTS

and anyone considering pursuing a program in Urban, Regional, Environmental and/or Social Planning.

The new WPI Planning Association will meet

**Thursday, Oct. 6 at 11 a.m.**

**in the IQP Center, Washburn 300**

Members of the Planning faculty will be on hand to discuss with students the new interdisciplinary Planning program at WPI, courses, project organization, competency expectations and format, and any other related topics of interest. Please come and share your thoughts and ideas or just come to learn more about this new program.

THE WORCESTER COUNTY HORTICULTURAL SOCIETY  
 ANNOUNCES  
 A DISPLAY OF FIVE AUTUMN GARDENS  
 OCTOBER 7-15, 1977  
 9:30 a.m. to 9:30 p.m. (except Sun.)  
 FREE AND OPEN TO THE PUBLIC

Are you interested in institutional advancement in alumni administration, fund raising and development, college publications, information services or public relations? An opportunity to explore these fields is available through the case conference — a special program of discussions and workshops tailored to the college student's career interest. Applications for case career scholarships are being coordinated by Steve Hebert in University Relations or Bill Trask in OGCP. The conference will be held in Hyannis, Mass. on January 29, 30, 31 and February 1, 1978. Deadline date is October 15, 1977.

IDs are available every Friday, between noon and 1:00 p.m. in the ID room, Alden basement.

The big name in the big names is Huston

Ms. Sizes 4-10  
 Mr. Sizes 7-13  
 No Sales Tax  
 Checks Accepted  
 with Student ID.



Your Foot Quarters for **FRYE** Boots for Ms./Mr.

Worcester's most complete and up to date selection of Frye Boots.

**HUSTON'S**

"More than the ordinary shoe store."  
 BankAmericard — Master Charge



Men's Sizes 4 1/2-15  
 Women's Sizes 4-11

**JOGGING - TENNIS**  
**BASKETBALL - CASUALS**

Worcester Center  
 Street Level — South Mall  
 Across from Spencer Gifts

The big name in the big names is Huston



# What's Happening?

**Tue. 4**

Mechanical Engineering Colloquium "The Federal Energy Program", Charles F. Baxter,  
U.S. Dept. of Energy, Kinnicut Hall, 4:30 (coffee at 4).

**Wed. 5**

Lecture William H. Gerdtz, Associate Professor of Art, Grad. Center CUNY  
"The Nude and the Model in 19'-th Century American Art." Worcester  
Art Museum, 8 p.m.

**Thu. 6**

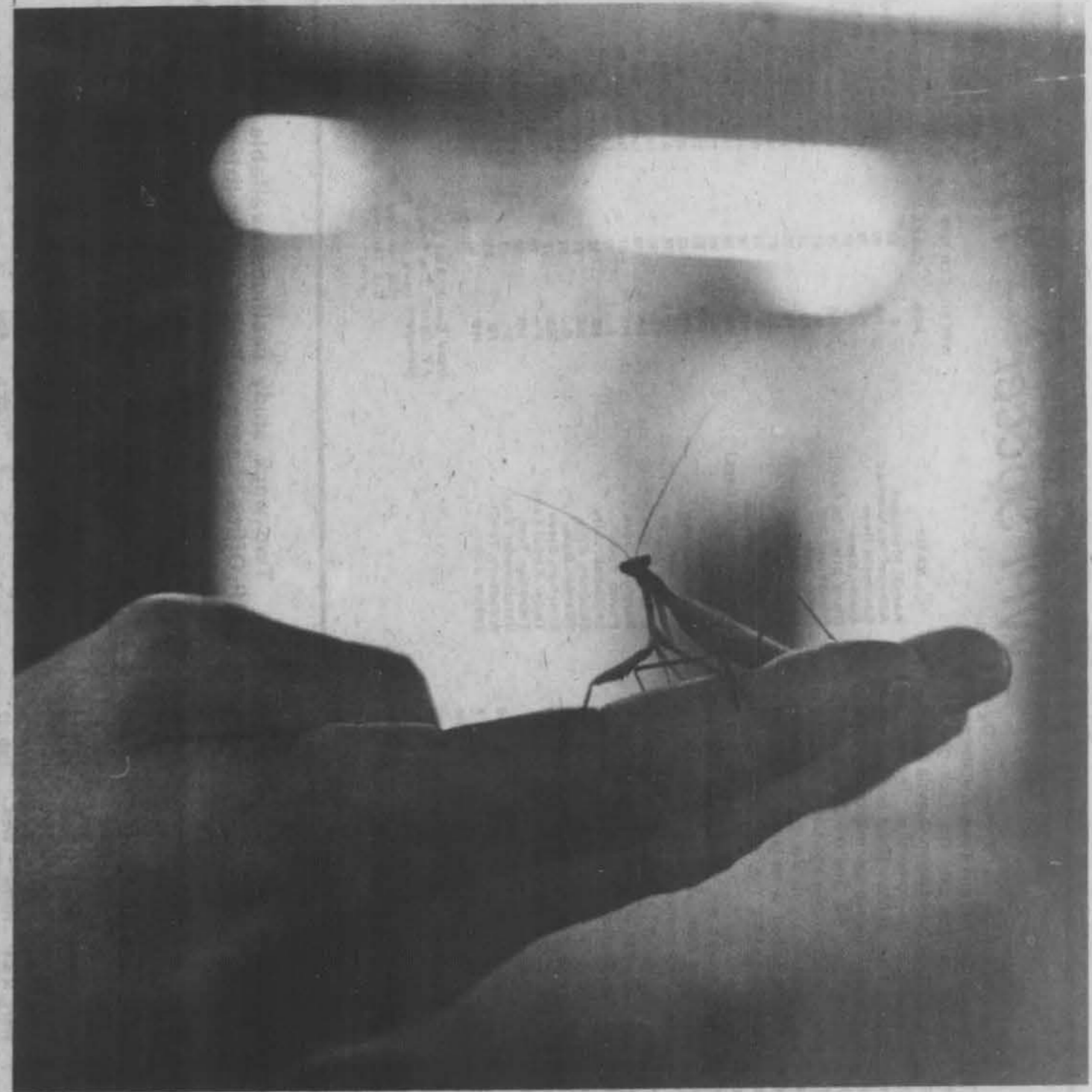
WPI Solar Energy Society, speaker John Christopher, pres. Contemporary Systems, Inc.  
Jaffrey, N.H., IQP Center, Washburn 300, 4:15 p.m.

**Fri. 7**

IFC Mixer, "Chris MartinBand", Alden Hall, 8:30 p.m.

**Mon. 10**

Fall Commencement, Higgins House, 2 p.m.



**WPI**  
**Newspeak**

Vol. 5, No. 19

Tuesday, October 4, 1977