

Students Comment on Civic Center

by Don Calawa

By the time this reaches the W.P.I. student body, another question will have been rendered academic. That is: Will there be a civic center in Worcester?

To get a feel for the student opinion, a sampling survey was taken. On the whole, the response was vague. The students asked had seen the posters downtown, but knew little more than that a debate over a civic center was taking place.

To be fair, however, some had asked around and gotten a grasp of the issue at hand, developing a bias one way or another. Mark Amesbury ('81) of Attleboro, Mass., commented, "I favor it. It would benefit me while I'm in Worcester, and in the long run it will also benefit Worcester." Next asked was a hypothetical question, i.e., if Worcester had a civic center, and the same concert were playing here and at the Providence Civic Center, where would you go? To this, Mark responded, "Assuming I was at school, I'd go to the one in Worcester; assuming I was at home, Providence is only five minutes away from me—so that answers that question." In all cases of choice between the two, distance was the only factor that seemed to hold any weight among students.

More typical, was the response of one freshman woman stopped in Daniels Hall. "I'm for it... I just think it's a good idea. I've read the signs in the Worcester Mall." Given a choice between a Providence or Worcester Civic Center concert, she replied, "I don't know, Providence probably, because it's closer (to my hometown)."

John Kuchachik (80) from Webster, Mass. (twenty miles south of Worcester) pointed out, "Why have to go to Providence or Boston for anything you might be able to bring here? It might bring more business here — I don't see why not. (It would) create a few more jobs, hopefully." Again the concert choice brought forth, "Same concert? Naturally here... it'll give the business to Worcester County."

Tina D'Arcy ('80) from Conn., hit a point brought up again and again in the course of interviews. "I don't see any reason why it shouldn't go up, I mean, there's nothing in Worcester. It's a real dead town—the Boston Symphony Orchestra would come like once a year — wow, big thrill. If a civic center comes, you get all kinds of name people coming in... certainly an improvement as far as the social life of the city

goes." Concert choice: Providence or Worcester? "What difference does it make where you sit, as long as you got the concert, right?"

On the other side of the spectrum, Joseyn Johnson ('78), a commuter from Conn., argued, "I don't see where the Worcester Arena would be that much different than the civic center. You know that (it) is a fairly large capacity. If they were to re-do it... It's practically the same thing as you'd get out of the civic center. Shops you could find at the center mall. Why can't that be considered your Shopping Area — civic center type of thing?"

A surprisingly balanced opinion was proffered by Mike Tabaczynski ('79) from Chicopee, Mass. near Springfield. "I conditionally favor it. First of all, I'd like it to be privately owned; privately run, because bureaucracy generally loses money, and I'm sure that's what's going to happen if the city has everything to say about it, in the building and the running of it... Whereas a privately-owned civic center probably will, make money." His selection of concert sites was equally enlightening. "It doesn't make any sense to go miles and miles to some other place. The place...

doesn't make a heck of a lot of difference as far as concerts are concerned. A good artist is going to give a good performance — no matter where he or she is..."

"I've seen concerts outdoors, the infamous Boston Gardens... I've seen 'em at Springfield, at Providence, I've seen them at little theaters — concerts everywhere... The place never made a lot of difference. So I would go to the place most convenient."

Mike pushed home a final point, of which few on campus had considered. "I wish everyone from Worcester would think of the consequences. It's not a blessing from heaven, you know. It's got good points; it's got bad points. It's not going to save Worcester from any kind of doom, or anything like that. It might help business... I don't know, I really don't know too much about that."

Of all the comments heard on campus by this reporter, none were of apathy. "I don't know... but I'm interested" came across often. There was never an "I don't care" — which would seem to me to be a strong positive comment for all who come here to W.P.I. Here's one member of the W.P.I. community hoping to see more of this attitude throughout the year.

Newspeak

The student newspaper of Worcester Polytechnic Institute

Vol. 5 No. 17

Tuesday, September 20, 1977

New Drama Unfolds

by Maureen Higgins

There is a new face on campus in the form of one energetic drama professor — Caroline Dodge. She has succeeded Gene Kalish and is presently teaching the four term sequence of modern, medieval, classical, and contemporary drama; acting as the faculty advisor for the Masque; and organizing a drama workshop.

She came here because she liked the campus, the east, the plan, and the attitude of the humanities faculty, an energetic, optimistic, creative, exciting team. She decided WPI was a good place to be. Her aim here is to take the science oriented student and expose him to the theater. Caroline Dodge hopes to create a good audience, one that is receptive, perceptive, intelligent, and critical. There exists a multitude of unemployed professional theatre people who need someone to practice their art on and her students could be that audience. Another goal is to provide as much theatre as the campus can handle, in terms of quality as well as quantity. This would also provide an outlet for the artistic endeavors of the drama students or anyone interested in expressing themselves through drama.

Anyone can put on a play here. As of yet, the humanities department has no major fall production planned. The Masque, the student operated and funded theatre on campus, is still in the process of selecting their play. To introduce themselves to the WPI community, Caroline Dodge and Joyce Rosen, in charge of the modern dance workshop, will be putting on some sort of production consisting of drama—dance solos later this year.

Thursday, September 22nd, the first meeting of the drama workshop will be held at 7:30 in Alden Hall. All those interested should attend as it is absolutely free and open to anyone. This will be an exploration of both scripted work and improvisations. Those involved will be asked to draw on their own experiences. This should make it more palatable to beginners as it is easier to relate to real people and scenes. Documentary books of real events such as Studs Terkel's *Working* or *Depression* will also be an integral part of the workshop. Some sort of cumulative production is planned. The key word that describes both Caroline Dodge and her workshop is experiment.

SAB MUSTERS

by David Thompson

The Student Activities board met on Tuesday the fifteenth of September for the first time of this school year. One topic discussed at this meeting was the fate of the Peddler, the WPI yearbook. Due to spending last year, this year's Peddler is \$2000 in debt. The Social Committee has put up \$8,500, and \$5000 has been given by the SAB. Due to last year's debt, however, this money will not cover the cost of a high quality yearbook.

As a result, the 1977 Peddler may be black and white with a soft cover. In order to generate funds to meet the debt and possibly make a high quality yearbook, the SAB has proposed that advance orders be taken from students, with a charge of about two dollars each. Newell Stamm, who says he did not learn of the exact figure until Thursday night, was hesitant to ask students to pay and has not made a final decision yet. He did say, however, that he would have to take advance orders only,

because he could not run the risk of selling fewer books than he prints. There has been an instance of about 600 extra Peddlers being printed, and that can't be afforded this year.

Bernard Brown, Associate Dean of Student Affairs, mentioned two possible sources of revenue for the Peddler. If it is approved by the student body, an increase in the social fee could make up the money needed. The social fee already pays for some of the yearbooks annual expenses. An informal student opinion poll, held in the wedge this spring, indicated student support of this measure. However, no exact data is available, and the result of that poll are not necessarily indicative of any majority opinion. The only other way funds could be secured is if the Social Committee reallocates their budget and increases the Peddler's allotment, but this does not seem likely at this point.

The SAB reserve budget and its usage were also discussed at this meeting. After clearing all accounts as of June 7 this year, the SAB was left with \$7000. This is unspent money from last year's budgets. Plans are being made to spend this money on two new vehicles. The present SAB vehicle, a Chevy Suburban van, has provided service to nearly every club and activity on campus, as well as the social committee. This summer, the van was used by students and an accident occurred, causing \$1700 damage. Insurance paid for the repairs.

Since many clubs require only transportation for a few passengers, and summer use is also of this nature, a second proposal has been made. If the SAB and Social Committee pass this measure, a van and a car will be purchased, with costs split evenly between the two organizations. This would provide *Newspeak*, Lens and Lights, the crew and a few other clubs with the heavy duty vehicle they need, while saving on gas costs and unnecessary use of the van with the car.

Before any action is taken, Rory O'Connor and Carl Gerstle and Gary Doyle will research cost and other factors in this proposal. They will report their findings to the next SAB meeting in two weeks.

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**OPEN SUNDAY
THRU THURSDAY**

10 p.m.-2 a.m.

**NIGHT STUDY ROOM
Salisbury 104**

Use Plaza Ramp Entrance

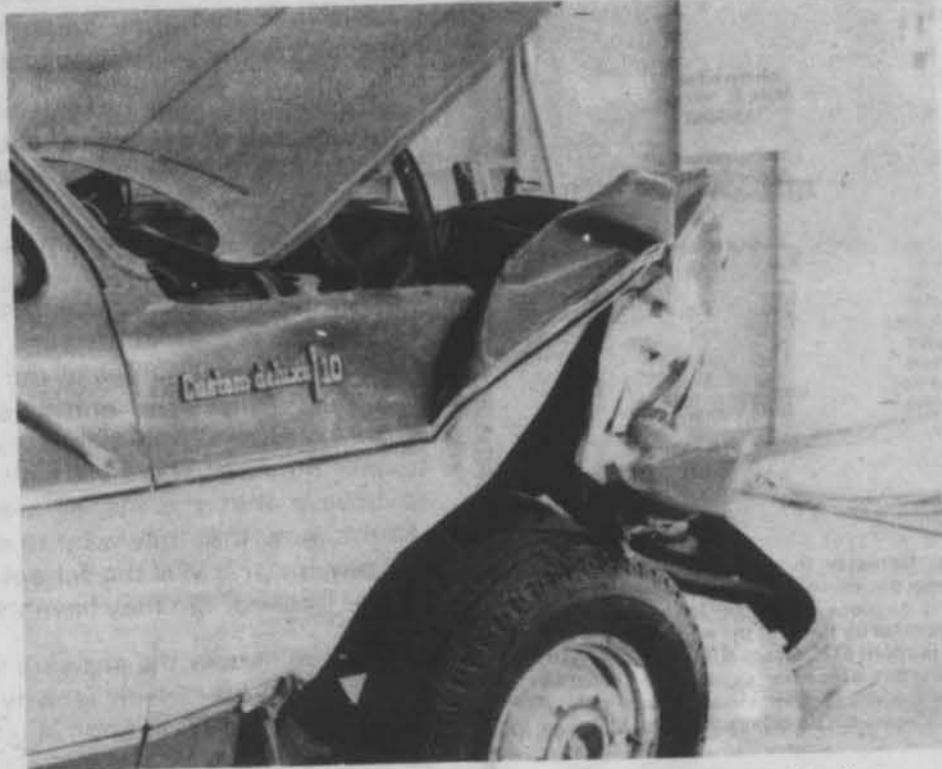


Photo by Mark Hecker

Affairs Office in Daniels Lounge.

Editorial: Try, try again

A revised Social Committee amendment has been presented to the student body for consideration. This version differs somewhat from the previous version in one major aspect, in that it submits the choice of Social Chairman to a vote of the student body at large. Although the provision for Executive Council intervention in the elective process is still included in this version, it is only to judge whether the candidate is qualified in terms of the amendment. In addition, the provision for executive council control of non-concert expenditures over \$500 remains in the new version.

In the past *Newspeak* has opposed the passage of the Social Committee amendment because it lacked sufficient provision for student input and denied the student body at large an electorate voice in the decision. We have also opposed it because of the provision removing some financial control from the Social Committee, which we believe to be improper.

It seems apparent, however, that the provision for student elections has been made, even though the provision for financial control remains. On this account, we tend to favor the amendment pertaining to Nominations and Elections. It will enable those whose qualifications are not satisfactory, while maintaining the students' rights to choose.

We oppose the amendment pertaining to the non-concert expenditure limit. We feel that this places the control of funds in the hands of persons other than those to whom it should belong, and is an unjustified additional piece of red tape and interference. Since the students place the power of decision in the Social Committee chairman by their vote, the power given by the people should remain there.

We urge you to support the nomination and election amendment, and urge you to defeat the amendment pertaining to financial control.

Rory J. O'Connor

The notice . . .

LEGAL NOTICE

Notice is hereby given of the annual meeting of the members of Goat's Head Club, Inc. to be held in the Commons area of the Pub on September 27, 1977 (Tuesday) at 12:00 (noon). Legal membership of this corporation shall consist of all students, faculty and staff of Worcester Polytechnic Institute who are eighteen (18) years of age or over.

The nominating committee's report is submitted herewith. Unless notice in writing is received by Clerk-Secretary Ms. Judith Scherben, WPI Box 1206 prior to the meeting, absence from said meeting will be deemed approval of the slate of officers submitted by the nominating committee by each member. Nominations may be made from the floor in addition to those submitted by the nominating committee provided that for nominations from the floor to be valid a notice signed by not less than seven (7) members giving the name of such nominees be first filed with the Clerk-Secretary (Ms. Judith Scherben, WPI Box 1206) not later than one (1) day prior to the date of the annual meeting.

Signed: Judith Scherben, Clerk-secty.
H. C. Thompson, Pres.-Chmn.



"WPI? I HEAR YOU'RE LOOKING FOR A NEW PRESIDENT?...."

. . . and the story

There's something rotten in Riley, and the stench reminds me of the distinctive odor of a smoke-filled room.

The Goat's Head Club, Inc., has issued notice of their annual meeting of all members of the corporation. What they have not issued, however, is a notice that, unless somebody does something, next Tuesday's meeting will be their last.

After many meetings between board members and school officials this summer, WPI administration officers have decided that the Goat's Head Pub should no longer operate as a separate corporation, but should instead come under the wing of the college corporation. What this means is that after next Tuesday's meeting, there *WON'T* be any Goat's Head Club, Inc.

Please take note of the fact that any one of you out there who are 18 or older, and are connected in some way with WPI, are members of the corporation.

Here's the crux of the matter: a corporation, of which you are a member has decided to dissolve itself at its annual meeting, but has not informed you of the impending action. Putting aside the question of the corporation's value for a moment, it seems to me that the validity of the above legal notice is rather shaky at best. Morally, it certainly seems that we have a right to know about the dissolving of the Pub corporation, considering that we all frequent the place at one time or another during the course of the year.

Getting back to the validity of the move, it seems that what we have here is another example of people getting hassled out of a position because others wouldn't take the time to help out. I was told by Assistant Dean of Student Affairs Brown that the decision to dissolve came after several meetings between available members of the Pub Board and the President this summer. The meetings focused on recent troubles with the past Pub manager. Evidently, the school feels that, as long as the WPI name is being associated with the Pub, they should have a right to govern who works there. Of course, under the current set up, the Corporation hires and fires Pub workers. The members of the Board felt that they weren't well enough equipped to handle the business and legal hassles that went with running the Pub.

Therefore, they have decided to capitulate. WPI will run the show now, and the above mentioned slate of officers for the coming year will become the Pub Advisory Board, with Dean Brown serving as school liaison. They will *not* have, as I understand it, any power other than the word advisory would seem to imply.

Unquestionably, something had to be done,, but the thing that bothers me is that, in the past, the school hasn't shown a great deal of expertise when it comes to the Pub, either. You will no doubt recall the infamous Pub Rent controversy, when John Curtis, Manager of Auxilliary Operations, slapped a rent on the Riley Basement room that houses the Pub. There still isn't a new Pub Stereo, even though I'm led to believe that the money was appropriated, and a system picked. (Hmm...now that they want to run the place, does that mean the school will pay for it??) Will the school be able to dictate the types of acts that can be booked? Do they have the right to exclude whomever they wish?

I don't know the answers to these questions, and, in all probability, neither do you, which is why we should all be in attendance next Tuesday, Sept. 27, at noon in the Pub, to get the facts.

Tom Daniels

Newspeak

The student newspaper of Worcester Polytechnic Institute

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Report backs Civic Center

by David Thompson

Worcester's proposed Civic Center has received a favorable report by a nationally prominent figure in feasibility studies. According to this study, the Civic Center would net a first year profit of \$90,000, including the repayment of \$558,000 to the city of Worcester. This would cover principle and interest on the 7.9 million general obligation bond that the city would have to invest. According to James D. O'Brien, a lawyer involved with the Civic Center proposal, the feasibility study was a "conservative report with encouraging figures."

This study was made by Don Jewell, the President of Event and Facility Consultants, Inc. This company specializes in studying assembly facilities, and Don Jewell has made over 30 such studies of audience support facilities throughout North America and Mexico.

"The main purpose of the Civic Center," said Mr. O'Brien, "is not to prove that it can operate successfully, or to bring in cultural activities, but to broaden Worcester's tax

Op-Ed:

base." In the past several years, Worcester's population has dropped from about 200,000 to 170,000. The cost of municipal operations has increased during this period, causing a greater tax burden to be placed on the citizens of Worcester. It is the fear of increasing taxes that has kept many people from moving into Worcester, and housing is at a standstill. As a result, Worcester must look to attracting business in order to raise tax revenue.

One hotel is in the Civic Center plans already, and it is expected to bring in about \$100,000 in the first year. Proponents of the center feel that other hotels, restaurants, and shopping centers will follow the Civic Center into Worcester, and help to pull the city out of its present decline.

The first proposal was defeated this spring in a referendum, but it has been brought up for a second consideration. Mr. Jewell's report may be an important factor in reversing the earlier decision.

Student Gov.

The Student Government meeting of September 13, 1977 was called to order by President Tom Panek at 4:00 p.m. in the Student Affairs Office. The roll was taken. The minutes were read and accepted.

Old Business

Tom Panek presented an amendment to the Constitution dealing with the Social Committee. A motion was made and recorded that the amendment be put to a vote of the Student Body. It passed. The vote will be on Thursday, September 29, 1977.

Discussion

Dean Sherer reported that the money for the Commuter Fund was still in her possession.

The next meeting of the Student Government will be Tuesday, September 20, 1977 in the Student Affairs Office at 4:00 p.m.

Respectfully submitted:
Paul S. Wrabel
Secretary

COMMUTER MEETING

Wednesday,
September 21

12:00 p.m.

IN THE WEDGE

Tidal power!

by Mark Kelsey

Another fairly promising source of energy is that of tidal power. A number of estimates have been made of the total tidal power on earth using astronomical data, various other methods, and the following formula: the maximum possible average tidal power equals maximum tidal energy per unit time which equals the density of sea water times the acceleration of gravity time the tidal range squared time the surface of the basin over time. Using this "time" as the synodical lunar day which is 4.46×10^4 seconds, astronomers Munk and MacDonald estimated that the rate of tidal dissipation of energy on earth is approximately 3×10^{12} watts. However, because a new method to estimate the dissipation energy of tidal dissipation energy of tides in shallow seas was developed by G. I. Taylor in 1919, Munk and MacDonald had to revise their estimate to an average rate of only 10^{12} watts.

Well, what do all these calculations and estimates amount to? They give the world's potential tidal power only a mere one per cent of its potential water power. However, tidal power has many advantages. First, it is capable of being developed in very large units at favorable localities. One example, is the world's first major tidal-electric power plant at the LaRance estuary in France. This power plant is capable of an annual production of energy of 544×10^6 kilowatt-hours which amount to 18 per cent of the

Petitions

Petitions will be accepted for: Independent Rep. (Student Government).

Qualifications:

- A candidate must be:
- 1. A full-time undergraduate
- 2. A non-fraternity member

Nominations:

- 1. The petition shall state, "We, the undersigned, nominate (Name) for the office of Independent Representative."
- 2. All signatures shall be numbered and legible.
- 3. Only eligible independent voters may sign a candidate's petition, and may sign only one (1) petition for any given office.
- 4. Deadline for petitions is 4:00 p.m., Sept. 30.
- 5. Submit petitions to Tom Panek, Student Body President (Riley 309). Don't mail petitions.
- 6. Elections will be held in Daniels Hall on Thursday, October 6, 10 a.m. - 4 p.m.

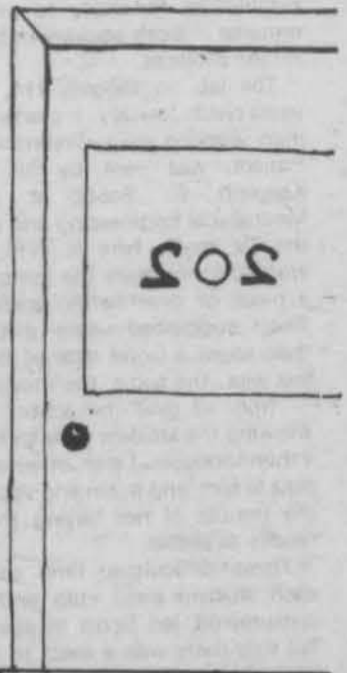
AMENDMENTS ARE
ON PAGE SIX



IF JOHN IS TWICE AS OLD AS MARY WAS 10 YEARS AGO, AND JACK IS 1/2 THEIR COMBINED AGE, HOW OLD IS JOHNS GERMAN SHEPHERD

BASIC MATH

WHAT DO YOU MEAN, YOU DON'T UNDERSTAND?



J.P. election

We would like to introduce ourselves to you and explain our reasons for running for co-chairpersons of the Class of '79 Junior Prom Committee.

The purpose of chairpersons is to reflect a majority of opinion and co-ordinate the activities concerning those opinions. The result of these efforts will be an enjoyable weekend for all. We hope and expect a large majority of the class to become involved. Only with a large response can this goal become a reality.

Elections are Wednesday — PLEASE VOTE!

Scott M. Booth &
Mary E. Farren

Carpooling

Energy, ecology, inflation and urban transportation. Did you know there's an answer to all these problems? It's so simple. It's been right here all along, only nobody realized it. It's the automobile. That's right. The car is the answer to a lot of problems — if we use it right. And one of its more practical uses for the WPI community is carpooling. In the coming weeks, an IQP team investigating the feasibility of a carpooling program for WPI, will be asking for support in an effort to make carpooling a reality at WPI.

Think about it for a minute: according to the Department of Transportation, using the car right means using it for more than one person. The average occupancy in the 50 million cars used for daily commuting is 1.4 persons. Raise that to just 2 persons and you save 500,000 barrels of gasoline a day. It would reduce traffic by eliminating 15 million cars from the highways daily. And if traffic is reduced, automobile emission pollution is reduced as well. So ride sharing can significantly reduce gas consumption, pollution, traffic, and even put money into your pocket. It can do all that! The question is — why aren't we at WPI doing it instead of talking about it?

If you are interested in carpooling and want more information, please write to Box 1326. Watch for further information on "CARPOOLING FOR WPI."

CARPPOOLING —
IT'S WORTH A THOUGHT



Attention Members of the Class of '79

Elections for Junior Prom Chairmen, Co-Chairmen will be held on Wednesday, September 21, 1977 from 10 a.m. to 4 p.m. in Daniels Lobby. Recognize the importance of this election and have a voice in the decisions. Vote for the candidate of your choice.

Pimell lab

by Jean M. Martin

PIMELL, the Project Instrumentation and Measurement Experimental Learning Laboratory, is a laboratory on campus, established especially to provide support material — both equipment and knowledge — for projects.

The lab, in Higgins 114, will be three years old in January. It started with a freshman working on a Preliminary Qualifying Project, was sent by his professor to Kenneth E. Scott, a professor of Mechanical Engineering and the director of the TV studio here at WPI. The student wanted to measure the temperature inside a piece of overheating audio equipment. Scott suggested using a thermocouple, then spent a good deal of time gathering the wire, the tools, the measuring devices — from all over the school — and then showing the student how to make and use a thermocouple. Later, other students were sent to him, and again and again he ran into the trouble of not having the equipment readily available.

These difficulties, time spent showing each student each step and finding the instruments, led Scott to start the lab: "I felt that there was a need to have a place on campus where a student can learn to make thermocouples, measure humidity, use an oscilloscope, etc. Where it's self-paced, just pick up a unit and do it."

The lab itself is small, but well packed with various kinds of measuring devices and equipment, all grouped together under specific LEARNING LAB MODULES. (A list

of available modules is at the end of this article). The modules range from measuring temperature to Analog Computer simulation, the equipment from thermometers to potentiometers. Perhaps the most important part of the PIMELL Program is the written modules themselves. They provide, in a digested form, the basic instructions for using all the different instruments, with references to books and manuals, many of which are actually stored in the lab.

The first few years of the PIMELL Program, supported by grants from the Westinghouse Education Foundation and the Crompton & Knowles Foundation, have been spent mostly in building up the software, the written modules and the supporting reference works. Scott plans on adding more equipment, as demand for it increases.

So far though, demand has not been a problem. Scott denotes a great lack of awareness of the PIMELL Program on the part of the student body, and the decline in projects involving for the little use the PIMELL lab has seen.

The PIMELL Program is another valuable asset here at WPI. It is a place where students can learn important skills and techniques, that they can use throughout their lives. Even if they lack the time to perform the labs, the Modules can be picked up and used later as reference source material. (If you are interested in the PIMELL Program, contact the secretary in the TV studio, Higgins Basements).

PIMELL Learning Lab Modules

Module Designation	Module Subject	Module Location
AC	Analog Computer Simulation	HL-114
C	Measurement of Capacitance	OH-117, HL-114
D	Measurement of Density	HL-114
DC	Digital Computer Programs	HL-114
EA	Error Analysis and Data Evaluation	OH-117, HL-114
F	Measurement of Flow	HL-114
FTP	Measurement of Force, Torque and Power	HL-114
H	Measurement of Humidity	HL-114
L	Measurement of Inductance	OH-117, HL-114
LL	Measurement of Liquid Level	HL-114
MW	Measurement of Mass and Weight	HL-114
O	Introduction to Use of Oscilloscope	OH-117
P	Measurement of Pressure	HL-114
Q	Preparing Significant Questionnaires	HL-114
R	Measurement of Resistance	OH-117
RP	Report Writing	OH-117, HL-114
SC	Use of Stresscoat	HL-114
SG	Use of Strain Gages	HL-114
SI	Introduction to the International (SI) System of Units	HL-114
ST	Soldering Techniques	OH-117
T	Measurement of Temperature	HL-114
TR	Measurement of Time and Rate	HL-114
W	Measurement of Frequency	OH-117



Learning Lab Module AC, Analog Computer Simulation.

PIRG vs. Ma Bell

Mass PIRG students are spearheading a signature-gathering drive this fall to put the idea of a Telephone Consumer's Action Group (TELCAG) on the ballot next year. TELCAG would fight for telephone consumers' rights by opposing rate hikes, handling complaints, challenging abusive or discriminatory billing practices and advocating better services. It would be an independent, non-profit consumer advocacy group funded by voluntary contributions from consumers, directed through the billing system of the telephone company.

Since Mass PIRG's inception, complaints about telephone service have topped the list of consumer problems which students have brought to the attention of Mass PIRG's staff. After several informal inquiries failed to get results, Mass PIRG's Board of Directors announced their decision to fight for a TELCAG. Anne McSweeney, Chairperson of Mass PIRG stated, "We want to give consumers the right to use the most convenient method for gathering their forces on telephone rate hikes and service practice issues. We are very concerned about NET's anti-consumer practices which most directly impact students." Specifically, Mass PIRG is concerned with a variety of security deposit questions, as well as the fact that by failing to disclose to students the many rights which they have, and by failing to provide options that respond to student needs, the telephone company is working against the interests of the student consumer.

According to WPI student Chris Leach, could in one way provide for student needs by offering a nine month service plan. "as it is now, if a student wants a phone installed for use during the school year, he/she must

pay a \$32.50 installation charge. Then, at the end of the school year, the student can have the phone removed (at no charge) and then pay another \$32.50 at the beginning of the next year. There's no way out of it. The Phone Company has got us ripping students off by: 1) requiring an unreasonable and often prohibitively high deposit; 2) placing the student in the lowest credit rating, and requiring earlier bill payments than other consumers regardless of his bill paying regularity; and 3) billing the student a monthly service charge, which in all probability exceeds the sum of the phone companies cost of providing the service plus their allowable profit margin.

TELCAG could succeed in stopping some of the company's abuses of students and other residential customers. The funds, stockpiled through small contributions from telephone customers, made via their monthly bills, would be used to hire lawyers and researchers to support the consumer position in the courts, the legislature, and before Massachusetts regulatory agencies.

To do this students across the state will need to gather 57,000 qualified signatures by December. When this happens, the legislature must take up the proposal next spring. If the legislature fails to act affirmatively, 10,000 more signatures would be required to put the measure on the ballot in November, 1978.

Academic credit is often available for students working on Mass PIRG projects. Limited work study positions are still available.

Those interested in more details, or wishing to help in the petition drive, research and strategy planning are encouraged to call a PIRG office immediately.

Free messages

At the first meeting of the WPI Wireless Association last Tuesday, it was announced that that the club would sponsor a free message service for all WPI students. Amateur radio operators have for over 50 years provided a service where anyone can send a telegram type message to anyone else in the United States and some foreign countries free of charge. This is made possible by an efficient relay system which has developed over the years in which stations in various size geographical areas meet at a specific time each day to exchange messages. Through this system, known as the National Traffic system, your message can be delivered anywhere in the country in a day or two.

To send a message via amateur radio, drop off your message to WPI Box 1412 or call Nels Anderson or John Zelz at 757-9308. Messages should be limited to 25

words and must include a full street address or town name and phone number. Please include your address in case of any problems.

In other club action, the following were elected officers for the upcoming year: Nels Anderson, president; John Zelz, vice president; Jeff Smits, secretary-treasurer; and Jim Idelson, station engineer. It was also learned over the summer that the club won the section in the American Radio Relay League sponsored 10' Meter Contest, last December. This is our first contest victory in several years due to continuing equipment problems which have still not been solved.

The club is always looking for new members whether licensed or not. Help is also available for anyone wishing to get their license. For information, contact the club via Box 1412.

Nels Anderson



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WPI RELAXATION AND MEDITATION CLUB.

WPI relaxation and meditation club will resume its activities this academic year. The first meetings are scheduled for Sept. 29, and Oct. 6, 13, 20. All meetings will be held at the Gordon Library Seminar room at WPI and will start at 7:30 p.m.

ARCHITECTURE and ENGINEERING STUDENTS

Would you like to participate in a volunteer experimental training program to learn to inspect and evaluate sites for solar hot water installations?
 The program will be carried out over one or two weekends in the fall by the Massachusetts Solar Action Office. It involves a workshop on site inspection methods, and actual site inspection and evaluation for homeowners desiring solar hot water systems.
 You will be required to bring your own compass, but other program material will be supplied by the Solar Action Office. For more information about this program, please leave your name and WPI Box number with:
 Professor Jim Demetry or Mr. Dennis Lipka, IQP Center, Washburn 300.
 COMMONWEALTH OF MASSACHUSETTS, Massachusetts Solar Action Office,
 Michael S. Dukakis, Governor.

There will be two open meetings for all seniors and graduate students on Thursday, November 3, 1977 to introduce you to the general procedures that must be followed in order to register with the office of Graduate & Career Plans for the 1977-78 recruiting season. They will be held at Atwater Kent — Room 117 at 11:00 a.m. and again at 6:30 p.m. We are having two meetings so that students will have the opportunity of attending one or the other in case of conflicting schedules.

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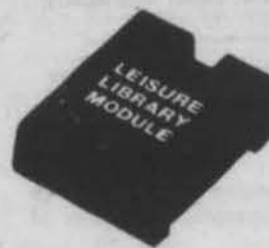
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Proposed Amendments

The following amendment replaces Article VII, Sections 1, 2 and 3 of the Student Government Constitution originally passed on 9-24-74.

Article VIII — The Social Committee

Section I: Membership

A. This committee shall consist of a Chairman—Co-Chairman, the Junior Prom Committee Chairman—Co-Chairman and the Chairmen of the following committees: Fine Arts Committee, Film Committee, Pub Entertainment Committee, and Coffee House Committee.

Section II: Qualifications

A. The Chairman—Co-Chairman shall be a full-time sophomore or junior at the time of his—her appointment and in academic residence three out of four terms of his—her term of office (excluding term E).

Section III: Method of Nomination and Election

A. Two weeks after the beginning of Term B, any qualified sophomore or junior who wishes to be considered as a candidate for the office of Social Chairman—Co-Chairman shall submit to the Executive Council of the Student Government a petition signed by at least 50 full-time WPI undergraduate students.

B. All candidates must have served actively at least one full year on the Social

Committee, Pub Entertainment Committee, or Coffee House Committee.

C. One week following the receipt of petitions all candidates must present to the Executive Council a description of his—her participation in Social Committee activities. Specific responsibilities and duties should be described and at least two Social Committee members must speak on his—her behalf.

D. Each candidate may also bring two students from the student body to speak on his—her behalf at this Executive Committee meeting.

E. Immediately after the candidates' presentations have been made, the eligibility of each candidate will be determined by a simple majority vote of the executive council.

F. Following proper notice in *Newspeak*, a general election will be held of the eligible candidates.

G. No write-in votes will be accepted in the general election.

The following amendment will be added to Article VIII, Section 4 of the Student Government Constitution passed originally on 9-24-74.

H. For all non-concert expenditures or major capital purchases that exceed \$500, the Social Committee Chairman—Co-Chairman are required to receive approval

from the Executive Council of the Student Government.

Article X — Internal Residence Hall Committee

Section I: Membership

A. The IRHC will have the following representation:

1. The Chairman, elected in May, who serves as chairman the following year.

2. Two elected representatives from Riley, Morgan, Daniels, Stoddard.

3. One representative from Ellsworth Apartments and one from the Fuller Apartments.

4. One representative from groups of 30 or more students in on-campus houses (i.e. Trowbridge, Elbridge).

5. One RA, elected by all RA's.

6. One HRA, elected from HRA's.

7. Additional members are determined by the needs of the committee.

B. Each member of the committee must be in academic residence for three out of four terms (excluding E term, and a resident of one of the WPI residence complexes).

Section II: Chairman

A. Qualifications

1. The chairman will be elected in May by the previous IRHC.

2. Chairman must have served at least one year in the IRHC.

3. Chairman must reside during the time of office in one of the WPI residential complexes.

B. Responsibilities

1. Chairman will be responsible for coordinating and organizing elections for IRHC committee members.

2. Chairman has responsibility for coordinating Food Committee elections and chairing meetings.

3. Chairman of the IRHC, as noted in Sec. A, 1., b., of the Constitution of the WPI Campus Judicial System, chair the Dormitory Housing Board and coordinates the election of DHB members.

Section III: Term of Office

A. Term of office will be one year from time of election.

Section IV: Election Procedure

A. Election of IRHC members should be held by the first week of October.

Section V: Powers and Duties

A. The IRHC shall serve as the official forum for residential complexes concerning residence policies.

B. The IRHC, representing its constituents, may initiate studies of specific residence hall problems and may recommend policies to meet these problems.

C. The IRHC will recommend lottery policies and assist with the responsibility of lottery plans.

September 26-30, 1977

BIOETHICS WEEK

MONDAY, SEPTEMBER 26, 1977

3:30, IQP Conference Room
AN INTRODUCTION TO
BIOETHICS: PERSPECTIVES
FROM THE SCIENCES AND
PHILOSOPHY

Dr. Betty B. Hoskins, Associate
Professor of Life Sciences
Dr. Thomas A. Shannon, Associate
Professor of Social Ethics

TUESDAY, SEPTEMBER 27, 1977

4:00, Kinnicutt Hall

THE PROFESSIONAL
RESPONSIBILITY OF THE
SCIENTIST

Dr. Key Dismukes of the
Neurosciences Research
Program, M.I.T.

This talk will focus on various
aspects of problems that the
scientist faces and will examine a
variety of ethical problems that the
scientist must confront as a
professional. Dr. Dismukes will
offer some suggestions on how some
of these problems might be resolved.

7:30, Gordon Library Seminar Room

Panel discussion and seminar on Dr.
Dismukes' presentation, with
responses by

Dr. Betty B. Hoskins, Life Sciences
Dr. Romeo Moruzzi, Electrical
Engineering
Dr. Ray E. Bolz, Dean of Faculty

THURSDAY, SEPTEMBER 29, 1977

4:00, Salisbury Labs 104

Informal discussion with Dr. Arthur
Caplan on philosophical aspects of
evolution.

7:30, Kinnicutt Hall

SOCIOBIOLOGY: ETHICAL AND
POLITICAL IMPLICATIONS

Dr. Arthur Caplan of the Institute of
Society, Ethics, and the Life
Sciences

This talk will present an in-
troduction to the theory of
sociobiology, but will focus on the
ethical and political problems that
have been raised by this new theory.

FRIDAY, SEPTEMBER 30, 1977

4:00, IQP Center

Discussion for students on bioethics
and opportunities to learn about
IQP's in bioethics.

Dr. Hoskins and Shannon will be
present.

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Professor Geoffrey Davies
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Wednesday, September 21, 1977
4:00 P.M.

Refreshments will be served.

Wednesday night is PIZZA NIGHT

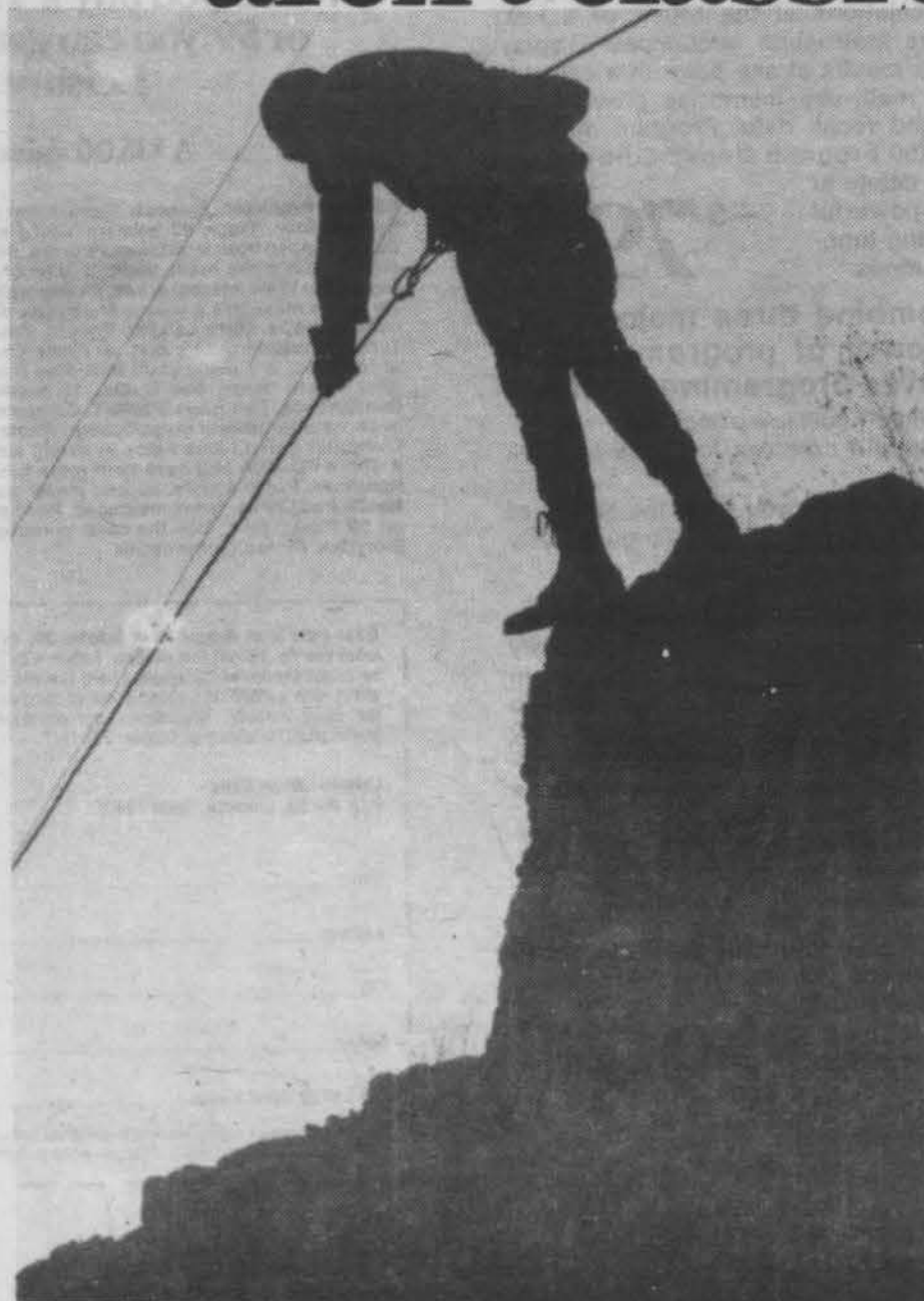
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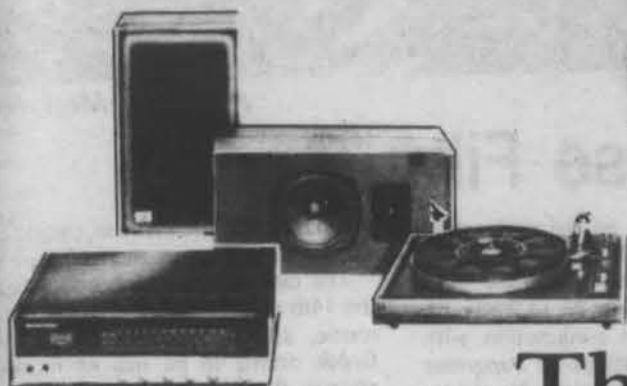
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This is the standard 7" low-mass woofer. It's in all ADS speakers. The 7" woofer is lighter, quicker to respond to very low bass notes than the more cumbersome 10" woofer found in most larger speakers. ADS speakers, as a result, reproduce bass notes with more clarity than other speakers.



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The Ariston Audio RDHS is a precision engineered belt driven turntable that utilizes a 24 pole hysteresis synchronous motor to achieve silent operation and speed stability. It is the only turntable made that compares favorably to the legendary Linn Sondek LP12 (and at \$130.00 Less). Inaudible through any loudspeakers, the RDHS neither contributes rumble nor wow and flutter to the music. Importantly, it will not acoustically feedback under any circumstances due to an advanced suspension system that employs a free floating sub-cradle with tonearm board and platter on steel coil springs. The RDHS rests on a teak base and has a hinged, plexiglass dust cover. Tonearm choice is at the discretion of the purchaser. It is truly a final purchase.

Retail price: \$269⁹⁵ less tonearm

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John Hammond Coming

by Maureen Higgins

John Hammon once said, "It is easier for me to sing than to talk." In that statement lies the essence of his being. He is a blues-singer; one who accompanies himself on the guitar and harmonica. His style ranges from blues inflected spirituals to country blues to r and b classics. His earlier albums, including *John Hammond, So Many Roads, Country Blues, and Big City Blues*, reflect the changes that have occurred in the blues scene over the years. He had moved to electric guitar and then back to the basics again. He continued to play and record the blues even when they were not of vogue in the late sixties. Everyone knows the blues are not passive and serve as an outlet for those who feel trod upon (which is why they came to be over a century ago.) Hammond sings the blues because he is the blues. "When I sing, I can

stand aside, I can feel good, I can reach people sometimes, I can put so much of me into it, and at the same time be made stronger by it."

Hammond's influences include such classics as Larry Williams, Robert Johnson, Elvis Presley, Muddy Waters, Lighting Hopkins, and Big Joe Williams. It is not surprising then, whose songs he chooses to record; the likes of Chuck Berry, Muddy Waters, John Lee Hooker, Willie Dixon, Elmore James, Jimmy Reed, McKinley Morganfield, not to mention his original material. Hammond has played or recorded with Charlie Musselwhite, Jimmy Lewis, Michael Bloomfield, and Bob Donaldson. His latest album, *Solo*, is available on the Vanguard label. On Thursday, September 22nd, John Hammond will be in Alden Hall cooking up a storm. Hope to see you there.

Tech Music

by Maureen Higgins

Have you ever wondered about all the blues and jazz bookings by the Social Committee in Term A? It almost goes without saying that jazz, blues, and smaller shows are easier and less costly to put on. The cost of having a large concert in Harrington is roughly five times that of an Alden show. Plus, double shows can be booked in Alden, while Harrington is a one shot deal. It must also be kept in mind that this is a college campus, and most students do not have unlimited spending money. If the tickets aren't cheap, students won't buy them. But, if they haven't heard the group, they probably won't go. What we have here is a real dilemma.

Peter Kent, head of the Social Committee, gave two reasons for having smaller shows in such places as the Wedge, pub, and Alden. One is for variety, his aim is to get as many different kinds of music and performers as possible. Musically, WPI is very narrow-minded. Two, with no organized committee, it is easier to do these smaller shows which provide for more hands on experience for newcomers.

To do big shows more money is needed, but where will it come from — higher ticket prices, raised social fee, fund raisers...So, if you the student wants to have some input as to what music you'll be exposed to, you must be willing to put out some combination of time, effort, and thought. Please try.



Photo by Mark Hecker

Japanese Film Series

A series of four films on the performing arts of Japan will be shown at the Worcester Art Museum on Saturday and Sunday, September 24 and 25, at 2:30 p.m. The series is offered in conjunction with *Zenga and Nanga: Paintings by Japanese Monks and Scholars*, the only Northeast showing of works by 55 Japanese painters and calligraphers, which will be on display at the Museum September 21 through November 13.

The Nō drama and Kabuki theater will be the subjects of two of the film selections. Like every aspect of Japanese life and culture, these theatrical forms reflect the pervasive influence of Zen.

Sound of Silence

Both the Nō and Kabuki employ an artful use of silence and emptiness, as manifested by the sparseness of lines and simplicity of stage and set. Silences, held far beyond the threshold at which Westerners fidget with discomfort, may suddenly be broken by the faint swish of a costume or the sharp clack of sticks. Just as emptiness is a positive entity in Zen

teachings, a stage stillness carries as much impact, if not more than a great sound.

The classic Nō, which originated during the 14th or 15th century, is a blend of music, and dance. Not unlike traditional Greek drama in its use of masks and chorus, the Nō repertoire is also serious, often tragic in tone. The film will show selections from representative plays, as well as behind-the-scene activities.

The Kabuki is a more spectacular and popular theater which originated during the 17th century. Excerpts from actual stage performances will be shown in the movie which was produced by the Japanese Ministry of Foreign Affairs.

Folk Dance and Puppetry

The program also includes two color films on Japanese folk dance and puppet theater, or Bunraku. Mask, drum, and battle dances will be featured in the former, and the latter will examine the complex art of puppetry and the actual creation of the dolls.

Admission is free for members; \$1 for non-members, in addition to the Museum's general admission fee.

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Air Force ROTC - Gateway to a Great Way of Life



NEWSPEAK is sponsoring the great photo search this A-term, featuring the good, the bad, and the ugly. We will run a series of never before published pictures. Most of the pictures are of things you probably have seen before, except in a slightly different frame of reference. If you have any idea as to what this is a picture of, send us that idea. At the end of the term, the person with the most correct answers will be given a free six pack. If you don't have any idea what it is, send us your guess. The person with the most original answers over the term will also be given a free six pack. Send your ideas to NEWSPEAK, box 2472. All decisions of the judges are final. NEWSPEAK staff, their immediate families and pets, the publisher, etc. are prohibited from entering.

Zeta Psi would like to announce their first party of the new school year. The party will be held Friday, September 23 at their house at 32 Dean St. The festivities begin at 8:00 p.m.

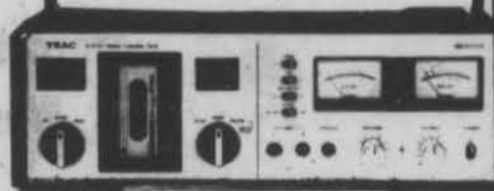
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Trekies

by Jean M. Martin

(TREK FILE) It all began about three years ago. I've lived in the Boston area all my life, and suddenly, I noticed that STAR TREK was on two different stations (channels 10 and 56; research has shown that at one time, a person could watch nine hours of STAR TREK, a week). Well, I used to watch it at night, while eating supper, most of the time, I only half heard it, I didn't know what it could do to me.

Things really accelerated when I met some new people in school. They were all Trekies, and they talked about the shows at lunch. (An interesting comment. More than half of the Trekies interviewed have succumbed to Peer-pressure.) I started paying more attention to the program, who wrote it, who guest starred, who directed, the whole thing. Then, I found the books.

First, the series Jim Blish did, short story versions of the shows, then THE WORLD OF STAR TREK, MAKING OF STAR TREK, TROUBLE WITH TRIBBLES, the last two by Gerald. Someplace, along the line I picked up on science fiction novels, DHALGREN, SLAN, the Laser books. I

turned on to them, when I couldn't get enough STAR TREK. (More evidence that our societies most hopeless cases, Sci-Fi fans, stared with lesser habits) Things got really bad, until one of my Trekie friends gave me STAR TREK LIVES!

The book really put things together for me. I wasn't the only one, there were other Trekies in the world. I knew then I would be able to make it.

I heard about the BOSTON STAR TREK CONVENTION the January before it was to be held. (Fan conventions are known to be excessively dangerous. Currently, there is legislation pending to legalize them, or at least, limit the frequency with which they are held and the ages of the attendees. We urge you to write your congressmen in support of these important bills.) I didn't get my ticket to it until February, but when I did I couldn't wait, I knew I would be saved. (The irony! The fan wishing salvation invariably turns to other fans, who will only turn them on to more powerful intoxicants.)

The con was held over Easter weekend, in '76, at the Sheraton-Boston Hotel. They had a huge huckster's room (a room for peddlers of Tred-sci-fi merchandise. See the work by Piper-Smith on STAR TREK

AND THE NEED TO SPEND. Piper-Smith spent two years working closely with both the sellers and the buyers.) They also had some of the actors, De Kelly, George Takai, Nichelle Nichols, Walter Koenig, Jim Doohan. Plus some writers, Hal Clement, David Gerald, Joanie Winston — who co-authored STAR TREK LIVES! and Harlan Ellison. That last Bastard had the gall to stand in front of 200 Trekies and say that the STAR TREK phenomenon was dead. How Stupid! (Ellison is an interesting case: although the above statement is true, he wrote one show for the series and today writes a great deal of gut-grabbing sci-fi, a case of condemning the lesser crime and practicing the greater.) The con ran for four days and I met a lot of other fans, joined the Boston STAR TREK Club, and bought some stuff that helped me get by. Like the Enterprise blueprints, the Klingon battle cruiser plans, The STAR TREK TECHNICAL MANUAL, a model phaser, a "This vehicle cruises at Warp 8" bumper sticker, Vulcan dice, four tee shirts, a diploma from the Vulcan Academy of Science and a lifesize tribble, autographed by David Gerald Himself (close to \$140 worth of merchandise.) I took 20 rolls of

film and got everybody's signature. It was a good experience. Everything was fine. That is, until the fall of '76. Too many things happened at once, rumors that Nimoy and Shattner were holding out for more money on the movie, that the movie had no writer or director. The STAR TREK Action Figures. Then the topper-SPACE 1999. I flipped out. I drifted into a 24-hour sci-fi movie "festival" that a theater in Boston ran.

When I woke up, I was here. Things are on the whole, better. I don't think I ever will completely recover, but I've gotten it down to something more manageable, fantasy. You know — Tolkien, Carroll, LeGuin, like them. I really think I'll be all right.

This is only one of the many case studies here at the Science Fiction Rehabilitation Center. The SFHC, a non-profit organization, in its third year, helps many needy young people back to the road of normality. We do not engage in forceable deprogramming, we merely counsel and guide any deluded youths who come to us for help. Our number is 800-555-2001. Our staff can help you, call any hour of the day. We care.

Moon Energy

by Mark Kelsey

Another intriguing source of energy comes from the moon. Well, you ask why not from the sun? The reason is that several lunatics got together from various parts of the city and built a cylindrical windmill out in the wastelands of the suburbs. Well, you ask why a windmill? The reason is that this windmill utilizes the winds created by bats flying around in the light. Well, you again ask, what are they using this energy for at this time of night? The windmill blades in the bottom produce electricity which heats several boilers and distillers which make — you guessed it — moonshine. Well, you ask what are people doing making moonshine?

The reason they are doing this is to make money to buy more cylindrical windmills to make — you guessed it — more moonshine. Well, you ask, what is this? These are the clandestine activities of the underground. Just as there is corruption in government, there is corruption in energy.

However, there is one saving grace to this matter. The moon is out at night only for a certain period of time and then is not out at night for a certain period of time. This means that the bats don't always come out and give energy to the windmill. So, as you can see the operation goes only sporadically. Thus, another interesting source of energy and corruption uncovered.

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- Munitions Materiel Management

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SPORTS

Football team loses

WPI LOSES TO NORWICH, AGAIN
by Barry Aronson

Tech went into last Saturday's contest against the University of Norwich with hopes of breaking a string of 14 losses against the Cadets. Tech lost, 30-7, and tradition was preserved.

The Engineers received the first kick off of the game, and quickly found themselves in trouble. WPI fumbled soon after receiving the ball, which Norwich capitalized on by putting seven points on the scoreboard.

After receiving the kick off for the second time, Tech went through a series of incomplete passes and a fumble, and then tried to punt the ball back to Norwich. Norwich took over possession of the ball at the WPI 41 yard line and then practically walked to Tech's 20 yard line before the Engineer's defense got tough and held Norwich to a field goal with a little less than eight and a half minutes left in the quarter.

Tech appeared to be in big trouble when they started their third drive of the game. Michael Robinson must have also sensed the impending doom. As soon as the sophomore halfback got hold of the ball he ran for a 17 yard gain. The rain soaked field nullified the next series and the Engineers found themselves in a third and fourteen situation. Mike Walker, on a nice pass from quarterback Tom McBride, kept the drive alive by just making a first down. Tech kept on going until Brian McCarthy, senior

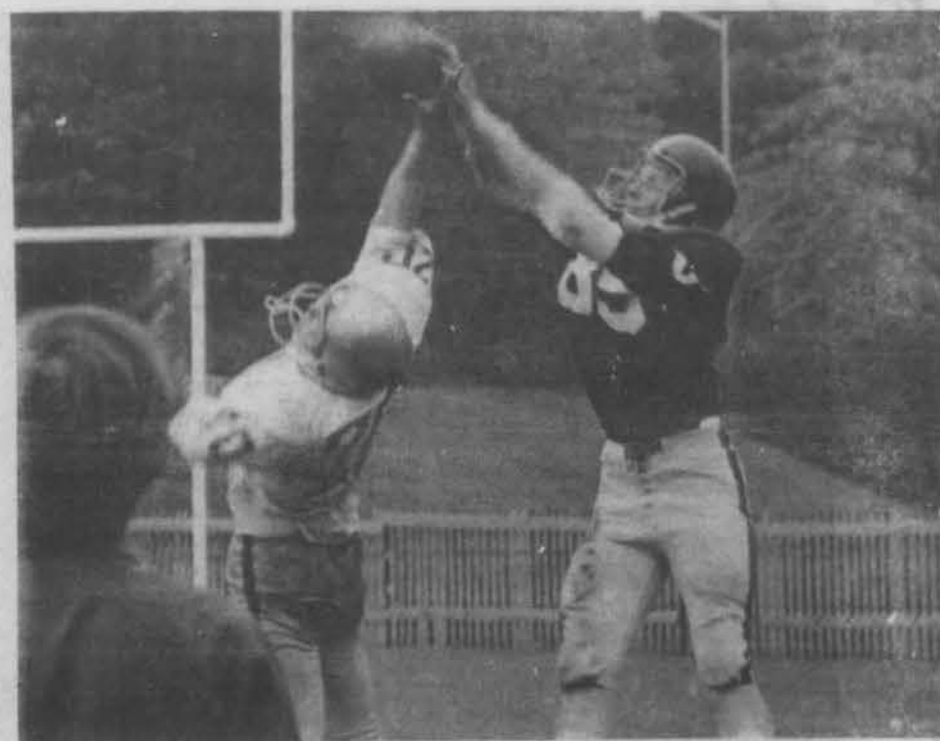
tightend from Ossining, N.Y., took a pass from McBride into the end zone for a 30 yard touchdown.

Tech held Norwich, with some fine tackling by sophomore Bob Guarasi and a key penalty, until a little more than five minutes to go in the first half. Norwich's great tightend Paul Ricker, who did a lot of damage Saturday, got a touchdown after a long pass from Norwich's junior quarterback Mike Palmer.

Tech had trouble initiating any offense in the second quarter. Twice, after they appeared to have developed some momentum, they turned the ball over to Norwich. One of the turnovers, a fumble that led to a Norwich touchdown, proved very costly.

The second half was an even bigger disaster, for Tech, than the first half. Any glimmer of light that could be seen in the first half had been completely shut off by Norwich in the second half. Tech could only manage 111 total yards in the second half, compared to Norwich's total of 275 yards. McBride was intercepted twice more in the second half, one of which led to a Norwich touchdown.

Tech outdistanced Norwich 184 to 177 yards in the first half. The advantage was not reflected in the 10-7 half time score because of the three turnovers Tech suffered. Through all of the second half Tech seemed to be just waiting for the game to finish.



Cross shut out

by Tom Rockwood

A John Pavlos hat-trick and a solo tally by Ted Tadjer highlighted the WPI Soccer team's opening game 4-0 shutout over Holy Cross last Saturday. Playing most of the game under a steady drizzle, the WPI booters used good ball control and a stalwart midfield defense to dominate an aggressive Holy Cross unit.

Pavlos, a Senior from Greece, took up where he left off last year by taking a pass from Steve Superson and firing a 30-footer to the far corner, giving WPI a 1-0 lead, just 5 minutes into the contest. Not letting up, Pavlos worked his way effortlessly around 6 defenders and blasted his second goal of the game by a bewildered Cross goalie, putting WPI up 2-0. Although a marked man throughout the game, Pavlos wasn't finished. He broke loose from a couple of defenders and fired a low drive that skipped under the goalie, giving WPI a convincing 3-0 half-time bulge.

In the second half, WPI settled back to play superb defense, led by senior co-captains Brain Clang and Larry Hindle, along with Superson, Larry Shiembob and Dave Fisher. For good measure, Ted Tadjer

finished off the scoring midway into the second half to give WPI its 4-0 edge. Senior Goalie Bob Grotchmal, although not severely tested, came up with some outstanding stops to hold Holy Cross at bay and earn the shutout. Promising freshman goalie Dale Spencer finished up the last 20 minutes as Coach King substituted freely.

Tim Fisher, John Zahara, Leo Kaabi, Brian Huntley, Jim Lukas, Dave Bacciocchi, Dave Partridge, Sean Bianar, Artie Shorrock and Richie Utzschneider all played well as WPI upped its record to 1-0.

Previously, the Soccer team had traveled to Boston College to scrimmage the Eagles, in preparation for the regular season. The Engineers came out on top, 3-0, as Coach King got a look at a lot of new players. Providing the scoring for WPI were Brian Huntley, on the receiving end of a John Pavlos crossing shot, Pavlos, with an assist from Huntley, and, finally, Leo Kaabi, on a breakaway set up by Steve Superson. WPI outshot BC, 13-2.

The Soccer team will be in action again on Thursday, September 22, when they host an always tough Bentley squad. Game time is at 3:30. Come down and check out this exciting team.

Women's sports

J. Gordon Gregory

Another new school year, and, out of the 600-some-odd new arrivals, about 60 are women. The women's sports program at WPI is good considering this ratio, and, in my opinion, definitely worth writing about. While the women's program has been around a while, coverage of the various events has been spotty at best, and usually it has been completely lacking. The purpose of this column is to remedy that situation as much as possible.

The first women's event has already taken place. Last Thursday, Sept. 15, The women's Tennis team met Bryant College for their season opener. The WPI squad got off to a dismal start with only one win, a singles match won by Freshman Cathy Girouard, No. 4. 6-4, 4-6, 6-4. The Team overall looks much better than last year's, with Freshmen Karen Scala, No. 1, and Bita Solhjoo, No. 3. Also new, for the fall season, is Brenda Boucher, No. 2. As one can see, the first four positions are taken up entirely by new players. Brenda, a sophomore, did not play on the team until the spring of this year. A team this new will doubtlessly have its problems, but will be looking for great improvements under Coach Marcia Kennedy. The next home match is on Sat., Sept. 24, so don't miss it.

If you are female and interested in going out for a sport, check into the Operational Catalog for which coach to see, or go and

talk to Sue Chapman, the women's phys. ed. person. Sue knows about all the things going on and will answer any questions you might have. If she doesn't coach the sport herself, she will tell you exactly who to see and where to find him or her. Even if you're interested in a winter or spring sport, see the coach now. Some teams get together informally before their season starts, so it is better to find out now than to miss anything.

Don't think that you aren't good enough to play. It is not like the men's Varsity sports where only the best get to play, on most of our girls teams, *everybody* gets game experience. Sure, we have stars, but anyone who has psych and wants to play has a lot better chance than if she were a guy in the same situation.

Enough of trying to sell the women's program; once the facts are known, it tends to sell itself. My duty is to report what is going on to the rest of the school, which hopefully I can do without offending too many. I will try to report on as much as I can, but luckily WPI has a large enough women's program to make absolute coverage by one person impossible.

Looking ahead to the fall season, we have the aforementioned tennis, and also volleyball and field hockey. If you aren't doing anything, get off your duff and come out to see some of the games. Spectator support is important for *any* team, and you will be surprised by how much you like it.



Photo by Mark Hecker

Women's tennis and volleyball

VOLLEYBALL

- October
- Lowell a, 7:00
- Bryant
- RI College a, 7:00
- Fitch. St. h, 7:00
- E. CT. St. a, 7:00
- November
- W.N.E. a, 6:00
- Babson
- Clark h, 7:00
- AIC
- Regis h, 7:00
- Clark
- Assumption a, 6:30
- MAIAW a, Salem St.
- Location of tri-match

TENNIS

- September
- 15 Bryant h, 3:30
- 24 W.S.C. h, 10:00 a.m.
- 27 Gordon h, 3:30
- 30 Clark a 3:30
- October
- 4 Assump. a, 3:30
- 6 Emmanuel a, 2:30
- 11 Suffolk h, 3:30
- 13 Amherst h, 3:30
- 15 MAIAW a, Amherst College

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- b. Flat Plate — water — various types
- c. Flat Plate — tubular systems

S-4 — Inventive or new systems of flat plate collector devices.

S-5 — Completely new solar heating systems, including heat storage systems.

S-6 — Design of a completely solarized small home.

W-1 — Computerized stress analysis of Buckminster Fuller Octohedral Tower.

W-2 — SR-4 strain gage stress analysis of BFO Tower.

W-3 — Design of Electrical system for a 6 KW wind machine.

W-4 — Design, construction and test of the mechanical drive and braking and control system for a wind driven generator system.

What's Happening?

Tuesday, September 20

WPI Business Women's Club — yoga demonstration by Dr. and Mrs. Wilmer Kranich at Higgins House, noon.

Wednesday, September 21

Cross Country vs. Assumption, Clark, and Worc. State; away; 4 p.m. Dance Nite in the Pub, 8-11 p.m. Free Introductory Transcendental Meditation Lecture — Gordon Library Seminar Room 3:00 p.m. and 8:00 p.m. (repeated Thursday.)

Thursday, September 22

Soccer vs. Bentley, home; 3:30 p.m. Nightclub Concert in Alden featuring Rory Block and John Hammond; 8:30 p.m.

Friday, September 23

Peter Alsop in the Pub, 9:00 p.m.

Saturday, September 24

Soccer vs. Coast Guard, away, 11 a.m.; JV Cross Country vs. MIT and RPI, away at 12:30 p.m.; Varsity at 1:00. Football vs. Coast Guard away, 1:30 p.m.

Sunday, September 26

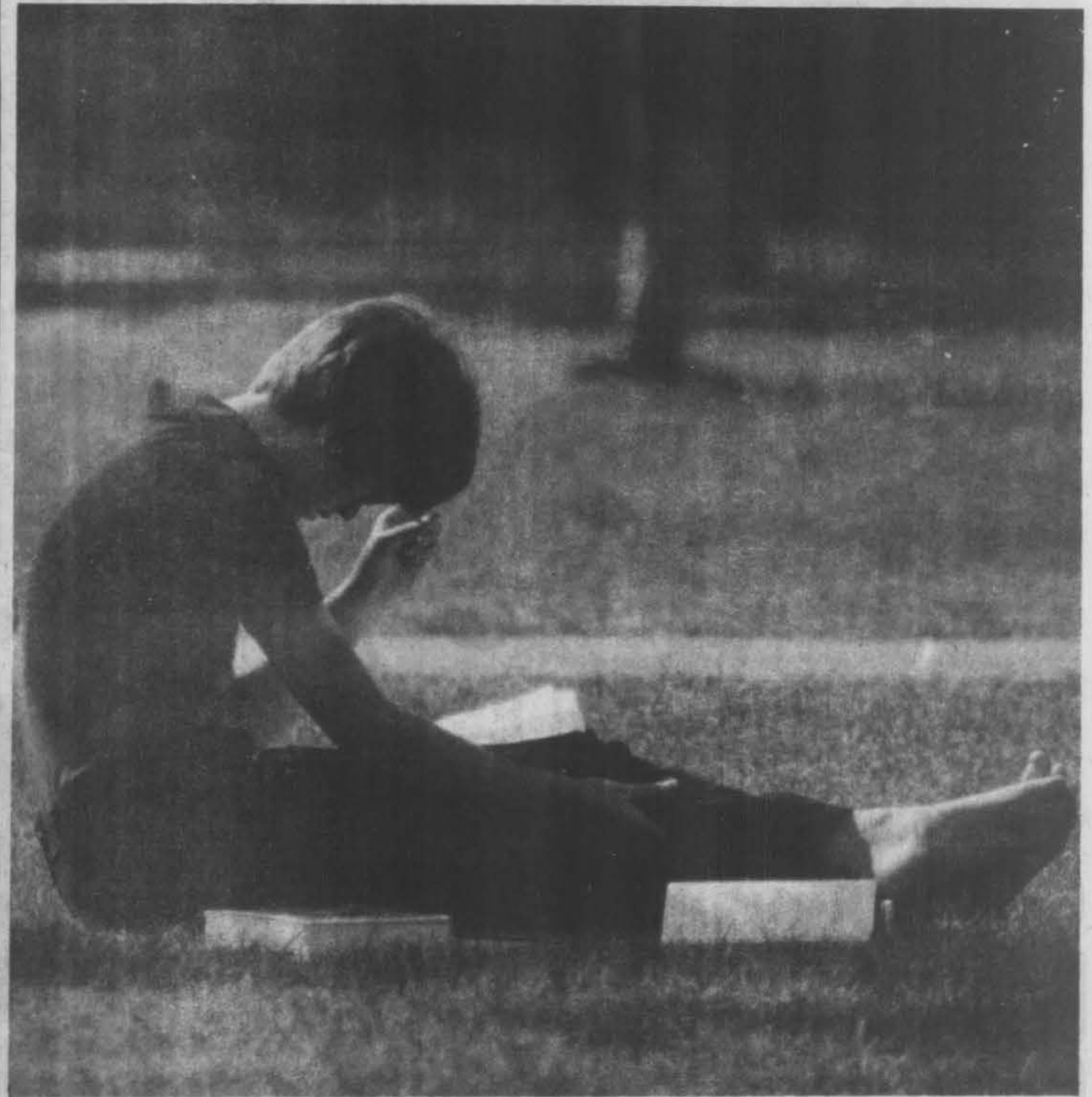
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Monday, September 26

Spectrum presents "Professor Irwin Corey", a movie, at 8:00 p.m.

Tuesday, September 27

Soccer vs. MIT, away, 3 p.m.; Cross Country vs. Wesleyan, away, at 4 p.m. Cinematech flick — "The Magic Flute," Kinnicut Hall, 7:30 p.m.



WPI Newspeak

Vol. 5, No. 17

Tuesday, September 20, 1977

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