Trial Closing of West St. — April 16

The 90-day trial closure of West Street, requested by WPI and aped by the City Council, will begin on April 16. West Street will be ricaded at Institute Road and opposite Olin Hall. There will be no cular traffic on the closed section except for service or emergency

The closing of West Street and the changes in parking noted above being made in the long range interest of creating a more attractive strian campus. We ask your cooperation during this trial period. thoughtful evaluation after the trial will be appreciated.

What will the closure mean to WPI people? There will be some ges in travel routes for people driving to and from WPI. There will be some changes in campus parking. The enclosed map will explain. s what to expect:

1. Lot behind Goddard Hall. No change in parking. Entrance will be the Salisbury Street end of West Street only. Exit by Salisbury

West Campus. No change in parking. However, West Street eway between Higgins and Alden will be closed. Entry and exit will from Institute Road only

3. East Campus. An increase in parking spaces will be available nd Atwater Kent. A new East Campus entry will be through this lot. ry and exit for this lot is off West Street to Salisbury. All East Campus fic beyond this lot will be one-way toward Boynton. There will be no fic or parking in the Alley between Stratton and the Power House. king will be retained between Salisbury and Washburn. All East pus traffic will exit by the driveway below Boynton.

4. Boynton Street Lot. No change in entry or exit. An increase in king spaces will be available at the Institute Road end of this lot. 5. There will be no parking on either side of West Street between sbury and Institute. There will be no access to the closed section for ate vehicles.

6. On May 25, after the last classes of Term D, parking will be eliminated from the area between Washburn and Salisbury.

7. The First Baptist Church has graciously allowed WPI the use of that portion of their parking along adjacent to the Higgins Estate as an overflow parking area, if needed, during normal business

8. During the summer, additional parking space will be constructed behind Olin Hall with convenient walks to the central

There will be no major changes in campus landscaping during the trial period but if permanent closure of West Street is later approved by the City Council, WPI will make substantial changes in the appearance of the center of the campus following plans already discussed in open meetings of the Campus Greening Committee.

This is WPI's first real opportunity to develop a unified campus not bisected by a public street. The 90-day trial closure is to allow the City Council to valuate the effects of the closing on traffic in the area of the campus. Our

success in achieving these first steps in developing our pedestrian campus of the future during this period will support the college's position that closure of West Street should become permanent.

During this trial period, we ask your support and understanding.

Your comments and suggestions will be welcome and should be directed to me.

Gardner T. Pierce

Director of Physical Planning and Plant Services



NEWSPEAK

Tuesday, April 9, 1974 Vol. 2 No. 7

Student Government

Election Results

e results of the 1974-1975 Student evernment elections held on arch 14, 1974 were: dent Body President

- 7 Robert Fried - Denise Gorski
- Paul Houlihan
- Michael Irwin
- Michael Schultz 130 - Thomas Tantillo
- cial Chairmen
- 197 Gordon Henley and John
- 658 David Salomaki and Paul

npus Hearing Board

- Jon Anderson
- Richard Aseltine Norton Bonaparte
- Michael Dolan
- Eric Hertz
- Jeremy Jones Michael Parker
- 213 Jean Reny
- William Rutter Elaine Sanderson

Campus Hearing Board rton Bonaparte and Elaine erson are the alternates.

indicates winner for the ective office.

Class Elections

Class elections for the 1974-1975 demic year will be held on lesday, April 23. Petitions for s officers (president, viceesident, treasurer, secretary, Government Student presentative) must have 25 unatures. Independent resentative candidates must have 25 signatures from the dent Body. It isn't necessary at all of the signatures are from person's class. Each signer only sign one petition for each ce in his or her class. Petitions h be given to Denise Gorski, Box or Ted Ledden, Box 1280.

Faculty Committees

For students interested in serving on a Faculty Committee as a member, there are openings for next year. The committees that are open for student members are listed below with a brief description.

I. The Committee on Academic Policy consists of six members of the faculty-at-large, two students, and ex-officio the Dean of Faculty and the Director of Admissions. committee continuously reviews existing academic and admission policies, standards, and goals. The committee recommends

changes in policy, as appropriate.
II. The Curriculum Committee includes one faculty member from each academic discipline, three students, and the Dean for Undergraduate Studies ex-officio. Responsible primarily for the development of undergraduate programs of study, this committee continuously reviews existing curricula and makes recommendations on new curricular structures, particularly with respect to the development of interdisciplinary courses and programs.

III. The Committee on Student Academic Affairs includes one faculty member from each academic discipline, two student members, and ex-officio the Dean of Student Affairs and Dean of Academic Advising. This committee determines the academic standing of individual undergraduate students who are not on the WPI Plan (e.g., fulfillment of degree requirements, status resulting from unsatisfactory academic performance), and receives and acts on petitions for exceptions to the established rules of the faculty regarding academic performance. It brings to the faculty for review the names of undergraduate students not on the WPI Plan who it has determined are eligible for degrees. It also recommends rules and procedures regarding the prizes and honors accorded to students for scholarly

achievement and similar endeavors.

IV. The Committee on Student Life consists of four faculty members-at-large, four student members, and the Dean of Student Affairs. The committee evaluates current practices in the areas of student environment, discipline, extracurricular activities, scholarship, financial aid. athletics, and employment placement. The committee also makes recommendations with regard to the nature, extent and operation of student non-academic counselling services.

If you are interested in being on one of these committees, leave your name and box number with Denise Gorski, Box 877 or Ted Ledden, Box 1280. Also, look for any future notices containing time and place for the appointment of students to the committees.

Project Center

by Moon

Project? Ah yes, that is something you must do before you can get your diploma! This was my attitude up until about a week ago, until I had a short but thorough tour through the new Project Center. If you don't know where it is well it's that building right next to Stratton - the old

It is quite the place, they did a really great job. Upstairs consists of a main Conference Room, a Standards Room (for measurements), a student workshop, a small Conference Room with maybe a few drawing boards and some paraphanalia for ideas, etc., etc., There is also the office of Director J. Mielinski and Prof. Corey and Howe, coordinator of labs and Al Harper - a supply manager. In the student workshops there is plenty of new equipment and supplies for now and once this place gets rolling there will be enough supplies for almost everything.

The only way this place will get rolling is if students participate. They've got all the supplies - all they need now is people. If you are on the Plan, you've got to do a project to get out of here. So with a facility like this projects will be fun.

The center has been supported by a few grants and will be supported by outside companies. Some projects will not be so easily supplied and done but with some right thinking and good planning every person can do the project he or she wants. It will take a while before the center will be furnished with every kind of supply, but right now there is a lot of machinery and equipment and materials, and this will keep growing because a government grant will give the center all kinds of surplus materials.

I'd advise anyone who doesn't know much about projects to go down and see the place. Maybe you can get into a project as a helper and get some first hand experience. You may or may not get credit, you'll have to ask your advisor, but check the place out. You'll see right away that a Project can be a lot of fun. Talk to a few people and feel free to ask questions. That's what they are there for. I promise you it will be an excellent experience.

Student Project Representatives

In order to better assist students in becoming involved in projects at WPI, the Project Center has organized a group of student project representatives to assist in the project matching process. In a recent interview, Joe Mielinski explained the role of these representatives.

Q. Who are the project representatives?

A. The representatives are as listed in the Project Center. There is at least one representative from each fraternity plus several representatives (including R.A.'s) from campus residences.

Q. What is the purpose of the project representative?

A. The representative plays an important role in student to student communication on available projects. The representatives will have up to date information on projects and will be prepared to assist in watching students with projects and for project advisors. These representatives providing an important service to both the students and the school.

Q. What process will the representative go through to watch students with projects?

A. Basically, all representatives have participated in discussions on how to assist individuals in defining their interests (academic, social, career, etc.). The representatives first identify the area of interest. He then proceeds (through questioning) to narrow in on what the individual wants to do. The procedure concludes with the representative recommending specific projects to be looked into or faculty with advising interests similar to the individuals project interest. Ultimately, students with similar interests can be brought together to form project teams.

Q. How qualified are the project representatives?

A. The representatives are learning with most of us how to assist in this process. They will help us define what is needed and how to accomplish the desired results in helping students. The representatives will be supplied with information packets which

will contain a great deal of information to assist them in

working with students. The use of student representatives is a new idea and in its initial stages it appears to be very helpful. The most valuable aspect of the program is the fact that it is student orientated. Through the representatives, students can be helped on a one-to-one basis, a procedure which would be impossible without their participation.

> **Typists Needed** for Newspeak. \$2.00/hr.

> > (See any editor)

Editorspeak:

Eating — A Luxury???

Let's all consider the luxury of eating in Morgan Hall everyday - the Commonwealth of Massachusetts is. In fact, this state has proposed an extension of the Meal Tax to include hospital patients and students participating in board plans throughout the state. We find it totally ridiculous that eating at school is considered a luxury rather than a

It seems that the state of Massachusetts is pulling a typical stunt in taxing those who least can afford to be taxed. It is hypocritical for a state to cut the costs of higher education through state universities and financial aid programs, only to turn around and place an added burden on

With this week's announced increase in the board rate at WPI, the suggestion of an added 5 per cent meal tax does come off as being desirable. We urge all students to sign the petition outside Morgan Hall. The cost of education is rising fast enough without an added tax on one of our NECESSITIES - FOOD!

Readerspeak

I would like to express support for many of the eloquent arguments made by Professor John Boyd in the Feb. 12 and 19 issues of Newspeak. Having been in the first group of graduating Plan students, and being a WPI graduate student at the present time, perhaps I may observe the situation from a privileged vantage point.

Translation of this new educational philosophy, the Plan, was bound to be somewhat distorted by traditional inertial bias. However, this distortion must be restrained within realistic limits if the patient is to have a chance for survival. We have reached the point of reckoning, as Professor Boyd has stated, where we must make a total commitment. We must decide whether:

(a) Short term economicmanagement consideration and external pressures will erode the fundamental integrity of our educational philosophy, or that:

(b) Long term plans, based on the fundamental belief in this superior philosophy, will attempt to transcend our baser natures and win over the external world by their inherent qualit s.

Perhaps we blindly presupposed that the beauracracy would "wither away". We should hope that it will rise to the challenge, taking actions truly consistent with our goals. Until then, though, we must, out of genuine conviction. staunchly defend our ideals against encroachment. We must do our utmost to educate industry and society about our future objectives. This education process must be continuous and totally objective. There is no room for Ad-agency mentality in this endeavor.

We must also use every available human resource at our disposal. Since activities in parts of the academic community lag well behind events occurring in industry now, a closer liaison of these sections with the industrial sector is needed. We also need the infusion of more industrial experience into the project, and more importantly, the course areas. A wealth of practical information is available from engineers, technicians, managers and economists, many without advanced degrees. In implementing our concepts, we must avoid intellectual elitism at all costs. Every source of experience (academic and applied) is valuable. ... The project is an important experience. Let's not dampen this by being cheap with funds. (Coming partially from the pockets of students, as well.) We are in need of books, equipment and machinery now. This need is very apparent in my own department. Our shop machinist does not have the machinery he needs for many of the jobs he is called on to do. He recently received a piece of "precision" machinery, though. (Unfortunately, it was precision in 1920.) Unfortunately, also, the

department project budget for this semester (and possibly this year) is very limited. If a student decides to use one state of the art component or new material in his project, he just might exceed the individual project budget by the time he is only a short way into his endeavor. (Of course, the student can always pick up the remaining tab himself.) The lesson here is that even though project personnel put in hard work to do a quality job for the students, the resources they are given to work with are rather inconsistent with the importance of the project itself, and with the

In this light, it is disappointing that the new project center has had to go the surplus route (Government Accounting office surplus material) to obtain parts and materials. Some of the material is potentially useful, but much of it is very obsolete, very specialized, or just plain junk (parts from an old battleship!). This is the minimum budget approach to parts acquisition, as work study students may be employed to sort through this stuff at almost zero cost to WPI. We should hope that the school will realize the degree of funding necessary to implement project work on a large scale. They must also realize that in many cases, surplus parts and machinery will not be acceptable. Reasonable expenditures consistent with the level of project sophistication must be allowed for. (MQP should be allowed expenses at least equivalent to one-third unit of tuition.) "Real World" projects will often require more than "pinch penny" spending.

Readerspeak More

To the Editor

There seems to be some confusi on, as of late, judging from the recent "Letters to the Editor" reg arding the use of the Worcester Area College Computation Center (W ACCC) facilities by unsponsored outside users.

The privilege of using the WACCC computer facility is granted in the hopes of helping users to further their pursuit of academic research more than to provide a recreational activity. There are presently, so far as we know, four Wachusett Regional High School students using the PDP-10 at WACCC. Each is doing so under the auspices of a WPI faculty or staff member.

From our past experience, these students pose only relatively minor problems. If they were originally us ing "stolen" account numbers as alleged in Mr. Saftler's letter; and if they have picked up any bad habits at the terminal, then the oraly sources of such information are WPI students and the exampl es set for them to follow. They had no prior knowledge on the use of the WACCC system before they st arted using it, hence it has been ma ostly information obtained from WPI students that they have used ira learning about the system. The biggest problem, as we see it, is that some of our own students here

With all of the talk about the o perational aspects of the Plan, we o ften tend to forget that the student is the integral member in the e ducational process. As such, his or her psychological outlook and personal motives affect the way he or she will be integrated into any raew educational environment. The significance of human limitation in this context must be recognized. The problem is that we cannot tell people to be self motivated in the search for more relevant educational quality. We cannot even tell them to be "humane t echnologists". (Some inherently fit the category, while others will tenaciously deny it, even after being beaten about the Inead with the ideas.) Since we cannot presume to subjectively modify the thoughts or goals of the individual, the most we can do is to provide an atmosphere conducive to the development of individual motivation within the exframework. perimental critical and difficult work to attempt to establish this atmosphere must be done now.

Sincerely, John Lecko ('73)

at WPI consistently try, sometimes successfully, to downgrade system performance either by wasting machine time for unimportant programs, or by taking advantage of system bugs to bring the machine to a standstill or crash it

It is easy for people to complain from a distance. WACCC has neither received any quantity of complaints delivered in person, with proof, in regards to these "hackers" Wachusett from Regional on the system (only one so far), nor has anyone offered us any suggestions as to how we might solve some of the problems that have been occurring lately. We have only what was said in letters appearing in Newspeak to go on, some of which were factually incomplete. Users with gripes about anything relating to the computer facility at WACCC and its use or abuse should come down to WACCC and talk to us about it. Only if we have the facts and know about the problems can we do anything to correct them.

As stated before, the use of WACCC facilities is a privilege granted to users as an educational resource. People allowed to use the system should treat it as such and should complain about observed cases of abuse to the proper people. As an aid to seeing that WACCC facilities are used properly in the future, the Computation Advisory Committee, which is responsible for formulating overall policy decisions on the allocation of computer resources, will, in their upcoming meeting, make a decision about the use of WACCC facilities by unsponsored outside

> Edward G. Perkins Manager of Operations

To the Editor:

The letter attached may be of interest to members of the WPI student body. I would appreciate having the above mentioned letter printed in the WPI Newspeak.

Thank you, Steven A. Hunter Graduate Student Mech. Engr. Dept.

To: Active and Potential Advanced **ROTC Cadets**

From: Steven A. Hunter, Grad Student, M.E. Subject: Educational Delay From Entrance on Active Duty

Many students believe that ROTC and advanced education are contradicted; nothing can be farther from the truth. Educational delays from entrance are available for all qualified ROTC graduates desiring advanced degrees. I have been in this delay status for the past three years while pursuing studies toward a Ph.D. in mechanical engineering.

While in an educational delay status, there are no military obligations with the exception of maintaining a satisfactory educational performance. In addition to obtaining your advanced degree, benefits upon entrance on activity duty include increased pay and possibly a promotion in rank due to accumulated time-in-grade

or simply longevity.

During my period of study at WPI, a number of other ROTC graduates have also remained here in an educational delay status. If you are interested in seeking an advanced degree, obtain information concerning educational delay from entrance on active duty from the ROTC faculty. In fact, if you are not enrolled in ROTC because you thought it did not go hand in hand with your educational pursuits, perhaps you are missing an opportunity. I encourage your investigation.

I am writing this letter presponse to Mr. Pritchard's letter to the faculty as published in the March 5 edition of Newspeak, I wi endeavor in this rebuttal to poin out some of the flaws in th existing physical education program at WPI.

The first point I would like make concerns Mr. Pritchard concept of the WPI Plan. He poin out, quite correctly, that the Plan philosophy is freedom of choice. subject matter, with a demo stration of competency in a fie being the test for graduation. I then goes on to say that t humanities sufficient requirement exists in order insure that only well rounded in dividuals graduate from the campus. He goes on to compare the physical education requirement with the humanities sufficience

This is where his reason breaks down. The humaniti sufficiency allows many diven areas from which to choose. T physical education requireme does not. The humanit requirement allows for the taki of a sufficiency examination rath than complete the required to units of study. The physic education requirement does no This leads me to my first propose alternative to the existing physieducation requirement. This wo be the creation of a competency physical education. A studer gym requirement would be waiw if he demonstrated competency any sport of his choosing, be track, crew, or backpacking Participation in a club, club spo or intramural program would a result in waiver of the physic education requirement.

Participation in a club, wheth it be the Outing Club or Lens a Lights, is, in my opinion, m useful in forming the terpersonal experiences" wh Mr. Pritchard also refers to in letter than any gym course campus. I may also add that act participation in such clubs as Outing Club, the hockey club, lacrosse club, and especially crew club leaves the participa in much better physical shape th any gym class would. Some these club members are in m better physical shape than many our varsity "athletes" are. Th are certainly in far better sh than those members of the W community who choose to byps physical educat requirement by being manag receive for our athletic teams. Yet th club members receive no waiver and pa physical education requirement for their activities.

I also take issue with Mr. P. omew chard's conception of a "lifetim he for sport. A lifetime sport show constitute an activity w requires a minimum of people student of special equipment. Examp Athletic that come to mind are hiking han th

Another item which I take is Another item which I take is cry fro with concerns Mr. Pritchar he ma mentioning that both RPI and merit thave a physical educationmu requirement and that therefore modest should have one. This statemen cause repolicy at other, more tradition student schools seems to me to have value solutely no bearing on the ca The philosophy of education WPI is different. That is what WPI Plan is all about.

His idea to change the wording "The p physical requirement in order to bring judgme under the philosophy of the plat a direct insult to the intelligence the WPI community and as s warrants no further comment.

In conclusion, let me say the am not against personal fitne physical education, or athlet

> Steven Tuckerma SA 215

John M. FitzPatrick 753-1411, Ext. 494 John C. ME atte, Jr. 753-1411, Ext. 516 Editors-im-Chief

Jon Anderson, David C. Salomaki, Douglas A. Knowles, John Hatch, Alan Briggs, Jim Grasso, Garret Cavanaugh, Mgr.; Tom May John Casey, Mgr.; Ken Fox John Suomu, Jack O'Reilly Ken Dunn, Mgr.; Ed Robillard **Bruce Minsky** Harvard Yuen

Managing Editor Features Edtior News Editor Photography Editor Sports Editors Business Circulation

> Advertising Jr. Editor Art Director

> > Advisor

Prof. S.J. Weininger WRITERS TIHIS ISSUE:

Moon, Michael Martowska, Bruce D'Ambrosio, Len Goldberg,

Mark Munson, Wayne Dyer, Dave McCormick, Chris Keenan, Rich Gannon, Ed Karedes

STAFF THES ISSUE: Paul Klinkman, Ginny Giord ano, Gerry Petit.

The WPI NEWSPEAK of Worcester Polytechnic Institute. formerly The Tech News has been published weekly during the academic year, except during college vacation, since 1909. Editorial and business officesare located at the WPI campus, West St. Second class postage paid at Worcester, Mass. Subscription rate \$4.50 per school year; single copies 20 cents. Make all checks

payable to Business Manager. WPI Newspeak Office

Tel. 753-1411 Ext. 464

How

athlete: s cons educati this pa the ma

In pr eel is I thletes lette

in th

. 1 will

o poin

cation

like to

hard's

points Plan's

oice of

iemo

a fiel

on. H

at the

ene

der b

ded in

n this

are the

remen

aniti

divers

e. Th

reme

anitie takin rathe

lysica

ODOSE

hysica s woul

ncy fo

udent!

waive

, be cking sport and als hysical whether ms and also are the control of the contr

whice in h

rse o

activ

as th

ub, th

cipan pe th

mu

ve a

ion

nat th

ding

catio

ring

plan

ence

s su

ent.

itne

iletik

rmat

Sigma Phi Epsilon

During the last three weeks of term C, the Sig Ep hockey team was involved in two exciting games. The first of which was played against an independent team and was a come from behind victory, from a 5-0 deficit to a 9-8 victory. The second game was played against ATO and was a 12-3 victory.

The Sig Ep swim team won the IFC swim meet with a superb performance by Tom Garabedian at the diving board.

Some extra elections were held at the end of term C, Dick Drew was elected IFC representative and Charles Nixon was elected scholarship chairman, while Tim Golden was appointed assistant comptroller and Greg Dubin was appointed assistant house manager. We also acquired three new pledges at the beginning of spring rush, the pledges are: Mike Gregory, Mike Siegfriedt, and Pete Stanton.

orner

Worcester Polytechnic Institute Interfraternity Council

Delta Sigma Tau

News from the Grapevine. If you haven't heard yet, Delta Sigma Tau has two new pledges. Vince Rucinski and Jim Craffey both from Morgan 2nd will be working with our New Pledgemaster Walter E. Hoehn in the hope of becoming a Brother. And a look at SPORTS shows our Softball Team practicing for this upcoming season. So far things look good for a winning season. We also have a Ping Pong Team which would like to have some other Houses to compete against. So if there are any other Ping Pong Freaks out there that would like to try to match their skills against ours, just give us a call and ask for Ed Knight (Activities Committee Chairman). There are several other activities in the planning stages but nothing has been definite. Well folks, that's about it for now so till we meet again "BE SMOOTH".

On Wednesday, February 13, 1974, Delta Sigma Tau held their elections for new officers. These newly elected officers are: Our President is Robert J. Byron. And at his right hand is Vice-President Charles R. Lauzon. James F. Roach is our newly elected Secretary. We just hope he does a better job taking down the minutes than the guy who is writing this article. The new man in charge of the money or better known as Treasurer is Jonathan S. Kardell. Richard F. Norton (the guy who wears the red hat with the white polka-dots) is our new Member-at-Large. Elected as Social Committee Chairman is John Kowalonek, who is pretty much of a "Boozer" so we can expect some great parties in the not too distant future at D.S.T.

New appointments for Committee Chairmen have been also made. These appointments are: As Rush Committee Chairman — Don Lounsbury, Fraternal Committee Chairman — Timothy R. Ascani, Alumni Committee Chairman — Bruce A. Mac-William, Scholarship Committee Chairman is a fine young lad in Robert W. Horton. Activities Committee is Edwin L. Knight, Purchasing Committee Chairman goes to Mark J. Deutsch while our new Usher is "Table Crawling" John C. Kuklewicz. And last but not least is me — our Publicity Committee Chairman, Edward J. Smith.

At this time, we should thank the outgoing officers and committee chairmen — NOT FOR LEAVING — BUT for doing one hell of a job for Delta Sigma Tau.

And finally, D.S.T. just finished up Hell Week with Initiation Ceremonies being held on Thursday, March 14, 1974. The new Brothers of Delta Sigma Tau are: John C. Kuklewicz, Edwin L. Knight, Robert W. Horton, Mark J. Deutsch, Timothy R. Ascani, Robert J. Howard, and Edward J. Smith.

FINANCIAL FORUM

by Michael S. Martowska

Some Comparisons Between Student Athletes And Non-Student Athletes (Scholarship: All Forms of Gift Aid)

An allegations organizations and allegations	No of Students	Average Scholarship
Students Receiving Scholarships	852	\$1,112
Students Less Student Athletes		
Receiving Scholarships	709	\$1.072
Student Athletes Receiving Scholarships	143	\$1,309
Students Receiving Scholarship Less		
Recommended Student Athletes	813	\$1,084
Recommended Student Athletes	39	\$1,684
42 per cent of Student Body receives scholarshi	ps	
40 Athleton		

40 per cent of Student Body less Student Athletes receives scholarships
52 per cent of Student Athletes receive scholarship
\$462 equals average award for all Student Body
\$428 equals average award for Student Body less Student Athletes
\$675 equals average award for Student Athletes
(Statistics as of 8-1-73)

Comments Regarding Student Athletes

by Donald P. Reutlinger
No student athlete receives financial aid in excess
his financial need. In most cases, student athletes
reive their financial aid, like other students, in the
m of an "aid package" which includes part grant

However, as may be concluded from the enclosed attistics, student athletes on the average receive a mewhat larger proportion of their "aid package" in the form of grants. Thus, student athletes as a whole soup (143) receive an average of \$237 more than non-thletes in the form of grants, and a small group of 39 ample ample the form of grants, and a small group of 39 the ample the form of grants, and a small group of 39 the ample the form of grants, and a small group of 39 the ample the form of grants, and a small group of 39 the ample the form of grants, and a small group of 39 the ample the form of grants, and a small group of 39 the ample the form of grants, and a small group of 39 the ample the form of grants, and a small group of 39 the ample the form of grants, and a small group of 39 the ample the form of grants, and a small group of 39 the ample the form of grants, and a small group of 39 the form of grants are the form of grants, and a small group of 39 the form of grants are the form of grants, and a small group of 39 the form of grants, and a small grou

We feel that our student athletes, although a far by from the paid semi-professional performers of the major sports power colleges, do bring a special merit to WPI that has distinct value for the whole the modest value we place on athletic merit is intended to the subject of the modest value we place on athletic merit is intended to the subject of t

We feel that this part of the financial aid operation consistent with our stated Financial Aid Policy: The proportion of scholarship aid to loan-job, within his package, may be based on the College's adgment of the following: the student's merit and the magnitude of his need." ...

Comments on "Comments"

by Michael S. Martowska

In previous articles, I have commented on what I sel is possibly an inconsistency in the way student white receive better financial aid packages than

non-student athletes and the stated Financial Aid Policy. I won't dwell on those arguments here.

For the moment I will assume that a student athlete has more merit than a non-student athlete, and should therefore receive a better financial aid package. That still doesn't tell me how much better a student athlete's package should be. How did WPI decide on the particular advantage they give them? Why not give them more of one? Or less?

The statistics show that if you are a student athlete, you have a better chance of receiving scholarship aid. Chances are also in your favor that you will get more scholarship than a non-student athlete with equal need. If you assume this is consistent with the policy, and that student athletes "do bring a special merit to WPI that has distinct value for the whole community, its diversion and its reputation," why not favor student athletes even more than you do now? You might even stop giving any aid to the non-student athletes, and use the money to recruit even more student athletes. That way we would have more of that "special merit" with its "distinct value" here at WPI. You might even consider going all out in one particular sport, say basketball, and have a nationally ranked team. However, be careful on how you affect "its diversion and reputation"

As I think about the past, I somehow remember hearing something of the good education you get at WPI. Does that have anything to do with WPI's reputation? Perhaps not. I imagine most students came to WPI because of its reputation in athletics.

WPI's student athletes may be a "far cry from the paid sem-professional performers of the major sports power colleges" but perhaps, they should be an even further cry from them as far as financial aid packages go. It isn't as if you would lose the financial aid they get if you don't give it to them. They aren't given money to WPI for the sake of recruiting student athletes. Their aid comes from the general sources of funds used for financial aid. For those of you who are unaware, some of these funds come out of your tuition. Do you like to borrow money to go to WPI while some student athletes receive scholarships to cover their full need? Wouldn't you like to see them borrow a little?

FIELD ENGINEERS

United Conveyor Corp., for over 50 years a leader in hydraulic and pneumatic conveying in abrasive materials, has several challenging opportunities for recent graduates in mechanical engineering or engineering technology. Become acquainted with our equipment and systems as a Field Engineer supervising installation, start-up and servicing of heavy equipment in power plants and industrial facilities. These positions provide logical avenues of progression to Sales Engineering, Design, and Project Engineering which may be of interest to you.

Positions are available in several areas of the United States and generally require considerable travel.

We provide excellent salary and fringe benefits including pension, profit sharing and cash bonuses.

To inquire, please reply to:

Mr. Huetter

UNITED CONVEYOR CORP.

300 Wilmot Road Deerfield, Illinois 60015

An Equal Opportunity Employer M-F

Sir Morgan's

Cove

Appearing Thursday, April 10 through Saturday, April 12

Mr. George Ree

Formerly lead singer of Swallow

with Skyhook

139 GREEN ST.

APRIL 24th IS
PROJECT PLANNING DAY

Please Watch For More Information

Com Com

stud

fairs

BHE

Thur

prev

for tl

and :

list o

Dr. E

Prof

Dr. E

Exec

Labo

Dr. I

Henr

Dr. F

Dear

and

Dr. J

Prof

Berk

Dr. I

Dear

Basis

Dr. C

Vice

will t

pleas

WPI, Clark, Holy Cross to Exchange Professors In New Program

Worcester Polytechnic Institute and Holy Cross College have announced that they will exchange professors beginning with the 1974-75 academic year.

The move, known as the Tri-College In-Town Sabbatical Program, is made possible by monies from a Mellon Foundation grant. Clark University is also involved in the faculty exchange

Dr. Kenneth M. Andersen, Jr., assistant professor of English at WPI, will be the first scholar from that campus to visit Holy Cross and will spend a smester next year at the College. He has his B.A. degree in American literature with honors from Middlebury College and his M.A. and Ph.D. degrees from Columbia University, both in English literature.

Going to WPI from Holy cross for the 1976 spring semester will be Dr. Hilde Hein, associate professor of philosophy. She attended Reed College, received her A.B. degree from Cornell University, her M.A. from Middlebury and her Ph.D. from the University of Michigan.

Dr. Hein, who has been a Radcliffe Institute Scholar and a Tufts University Fellow, will spend the 1974-75 academic year at Harvard Law School where she has been awarded one of three Liberal Arts Fellowships in Law. It enables professors of social sciences or the humanities to study fundamental techniques, concepts and aims of law, so that they will be better able to use legal materials and insights relevant to their own disciplines.

falls short of being good, although

the possibility is evidently there.

The movie was rated GP and that

was half of the problem. Its plot

involved Steve McQueen's and Ali

McGraw's escape from the un-

derworld after their master-

minding of a bank robbery. Given

this plot, the director Sam

Peckinpah only hints at the

violence and the illicit affairs that

are going on between the stars. As

a result, there is not enough blood

for the violence freaks, not enough

sex for the sex freaks, and not

enough of a story to make a good

What social comment lies in the

movie

Room, Board Rate Hikes

Rising costs as a result of this year's inflation combined with next year's anticipated inflation have forced an increase of all room rates effective the 1974-75 academic year:

morgan man	
Single	\$725
Double	\$615
Daniels Hall Double	\$615
Stoddard Buildings A, B, C	
Single	\$755
Double	\$645
Sanford Riley Hall	
Single	\$635
Double	\$525
4 Person	\$470

Ellsworth and Fuller Apartments 2 Person 3 Person 5 Person \$750 7 Person

A tentative board rate has been set

7 Day Plan - 21 Meals 5 Day Play - 15 Meals

The Massachusetts legislature is currently considering that the 5 per cent meal tax be applied to college board plans. If this tax becomes law, the above board rates will be increased to cover the additional

SUMMER RESEARCH JOBS AVAILABLE

ELECTRICAL ENGINEERING Supported by: National Science Foundation's Undergraduate Research Participation Program. See: Professor Demetry, Washburn 300 (IQP Center)

paroled. The rest of the movie is

just a big chase scene, with

everybody trying to avoid everybody else and no one suc-

ceeding. The chase scene is helped

along by having people shot up so

much that they should be dead, but

having them come back to life.

with gun in hand, for another try.

and that is about its only saving

grace. If Steve and Ali did not get

away with it all, the movie would

have been totally absurd. But

Steve and Ali manage to get by-

seven or eight people that are

specifically out to get them, and

the entire police force of Texas.

The movie was a movie for the

many fans of Ali and Steve, and that is about all you can get out of

it, you can't get sex, violence, or social comment although all of that

The picture has a happy ending,

'HE REEL THING

"The Getaway"

"The Getaway" is a movie that husband, Steve McQueen, can be

Including the \$150 tuition increase, the total average cost per WPI resident student will increase under 7 per cent which is below 1973's average cost of living increase.

A comparison with other schools in the New England area points out that the WPI room and board weighted average for this 1974-75 year remains lower than most colleges:

Assumption	\$1,340
Bowdoin	\$1,550
Clark (una	available)
Harvard	\$1,990
Holy Cross	\$1,300
MIT	\$1,591
(15 meals per week o	nly)
Tufts	\$1,805
WPI	\$1,380
	-

David E. Lloyd Vice President for **Business Affairs** and Treasurer

The Board of Trustees has conferred tenure on the following professors

R.A. Peura (EE & LS) N.E. Sondak (CS) H. Beall (CH) R.R. Biederman (ME) The following faculty have been promoted to Associate Professor

K.A. Clements (EE) T.C. Crusberg (LS) D.P. McKay (EN) G.C. Sornberger (MA) P.W. Davis (MA) J.F. Zeugner (HI)

A.J. Maeland (CH) Promoted to Assistant Professor:

Vassar To Limit

(CPS) - The Board of Trustees at Vassar College has agreed to consider plans to make the Vassar campus an area of "limited access" to vehicles. The move is designed to increase on-campus pedestrian safety and preserve the beauty of the campus.

Originally, the Master Planning Committee of the college considered a plan to make Vassar an "all-walking campus." However, the Trustees agreed that some vehicles were necessary to the functioning of the college.

While no plan has yet been formally adopted, the eventual plan will probably include a ban on all vehicles in the two most heavily travelled areas of the campus, and a limit on faculty parking with available spaces awarded by lot or seniority.

London Exchange

The following students has been selected to attend to City University in London to the fall semester 1974: Mark R. Antonio Brian Mellea CE

Judith Nitsch CE David Walker CH Edward A. Whittaker PI John G. Yamashita ME

TRRESCRESSES OF STREET

WRITERS, TYPISTS, other warm bodies needs Contact NEWSPEAK, By

CAPE COD SUMMER

Planning to come to Cape Cod this summer to work or play? Write now for valuable information phamphlet covering where to stay, what to expect to pay for it, where to start looking for work, what types of jobs are available, average wages and much more. Send \$1.00 and a self-addressed, stamped envelope to me . . .

Ms. E. Ambeel

Pleasant Ave. Craigville, Mass. 02636

There's no easy way for Charlie Nelson to become Dr. Nelson.

But there is a way to make it somewhat easier. Our way. The Armed Forces Health Professions Scholarship Program. It won't soften the demands of your professors, or those you make upon yourself—but it may free you from those financial problems which, understandably, can put a crimp in your

concentration If you qualify, our scholarship program will cover the costs of your medical education. More, you'll receive a good monthly allowance all through your

But what happens after you graduate?
Then, as a health care officer in the military branch of your choice you enter a professional environment that is challenging, stimulating and satisfying.

An environment which keeps you in contact with practically all medical specialties. Which gives you the time to observe and learn before you decide on your specialty. Which may present the opportunity to train in that specialty. And to practice it.

You may also find some of the most advanced medical achievements happening right where you work. Like at the Brooke Army Medical Center in San Antonio, Texas, long noted for its Burn Treatment Center. Or the home of Flight Medicine, the famed Aerospace Medical Division, also in San

Antonio. Or the National Naval Medical Center in

Bethesda, Maryland, recognized worldwide for its work in Medical Research.

And if you've read this far, you may be interested in the details. Just send in the coupon and we'll supply them.

Armed Forces 50 Box A Universal City, T	NEW YORK		Z-CN-4
Navy Air Force Veterinary* F	tion for the force Medical	llowing progra /Osteopathic (ner {please sp	m: Army C Dental C ecify)
Name	Inter	se print)	
Soc. Sec. #	(piee	the thurst	
Address			
City			100
State		Zip /	
Enrolled at			
To graduate in_		(school)	. 1
The state of	Emonth3	(year)	(degree)
Date of birth			

ARMED FORCES HEALTH CARE

movie is summed up when we find out that Ali McGraw has gone to bed with a parole board officer (and part time crook) so that her **Reading Course**

The WPI Reading Course will be offered this term starting Monday, April 15. The course will meet one hour daily (except Fridays) for fifteen meetings starting April 15 and finishing Wednesday, May 8 at 4:30 in Salisbury 103.

Offered

Information and registration are available in the Office of Student Affairs or from Roy Astley, Office of Counseling Services, Stoddard C, ext. 540. There will be a \$5.00 charge payable at registration or the first class meeting.

is suggested, but you can get your fill of the two stars. Bruce D'Ambrosio Len Goldberg

S.A.B. MEETING Tuesday, April 16 7:00 p.m. in The Wedge

Important; all members should attend, elections

The Oxford Golf Club is offering Junior Membership to college students in 1974. A \$125 Membership Fee allows students to participate in all tournaments, club activities, and of course unlimited golf. For application forms: Call 895-9871, or write to:

enemenemenemenemenemenemenemenemene

ALAN A. DUPONT Oxford Golf Club Pleasant Street Oxford, Mass.

CONTRACTOR CONTRACTOR

The club is located seven miles from Webster Square, off Rt.

56

11-76

The Cinematech Film Committee and the Fine Arts Committee which are structured under the Social Committee are still being organized. Interested students should sign up in the Office of Student Affairs, Room 206, Boynton Hall. BHB: ith

The fourth visit of the NSF Advisory Panel will take place on Thursday and Friday, April 18 and 19. Following the practice of previous visits, 4:30 to 5:30 p.m. has been set aside as office hours for the Advisory Panel members at which time interested faculty and students may visit with an individual member. Following is a list of the NSF panel members with their respective offices.

NSF Advisory Panel Office Hours Thursday, April 18 - 4:30 to 5:30 p.m.

Dr. Bruce Mazlish Archives Room Professor of History, Massachusetts Institute of Technology Olin 214 Dr. Eugene Reed Executive Director, Ocean Systems Division, Bell Telephone Laboratories

Dr. David Riesman Henry Ford II Professor of Social Sciences, Harvard University Goddard Conference Room Dr. Kenneth G. Picha Dean of the School of Engineering, University of Massachusetts,

and Member of ECPD Accrediting Committee Library Seminar Room Dr. John R. Whinnery Professor of Electrical Engineering, University of California,

Dr. Lee Harrisberger Atwater Kent 202 Dean of Science and Engineering, University of Texas, Permian

Basin, and Vice President of ASEE IA Conference Center (Washburn 300) Dr. George Pake

Vice President, Xerox Corporation; Palo Alto, California We hope that anyone desiring to talk with members of the panel will take advantage of this opportunity. To make an appointment, please contact my office, extension 533. Thank you.

Masque Tryouts for Don't Drink the Water will be in Alden Hall Tues, and Wed., April 9, 10, at 4 and 7 p.m. All Techies welcome.

STATISTICS
RELEASED BY THE WPI SOCIAL COMMITTEE

WELLASED DI THE WITT SOCI	Ser constituted F	-
Expenses:		
Edmunds & Curley	\$ 500.00	
Pousette-Dart Band	350.00	
Melissa Manchester	1,500.00	
James Montgomery Band	2,000.00	
Lordly & Dame Commission	350.00	
Hanley Sound Co.	600.00	
Rental of Alden Hall	157.00	
Rental of Harrington		
(includes Security)	749.61	
Lighting Cost	200.00	
Food, refreshments for		
performers, students,		
workers, etc.	80.00	
Tickets and posters (estimate)	125.00	
TOTAL EXPENSES	S. THE PU	\$6,612.48
Income:		
Friday night receipts:		3000
119 Single tickets	\$ 119.00	
Other tickets offered free		
with purchase of Saturday		
night tickets		
Saturday night receipts:		
Student sales during week:		
740 tickets at \$3.00 ea.	2,220.00	
Door Sales:		
427 tickets at \$3.00 ea.	1,281.00	

The Air Force Pilot has it made. Air Force ROTC will help you make it.

TOTAL INCOME

NET LOSS ON WEEKEND



Here's how.

If you qualify, the Air Force ROTC will give you free flying lessons. It'll be in a Cessna 150-you're started towards the day when you'll solo in an Air Force jet.

That's only one of the fringe benefits of the Air Force ROTC Program. Consider all this:

Scholarships-6,500 of them that cover full tuition. Plus reimbursement for textbooks. Plus lab and incidental fees.

Plus \$100 a month, tax-free, to use as you like.

Interested? Contact: College of the Holy Cross

at: (617) 793-3343

Get your college career off the ground in Air Force ROTC.

Spring Weekend

FRIDAY, APRIL 26 8:00 to 10:00 p.m.

Harrington Auditorium The Amazing Kresgin 10:00 p.m. to 1:00 a.m. Alden Hall Pizza Party

SATURDAY, APRIL 27 11:00 a.m. to 4:00 p.m. Country Fair On The Quad

9:00 to 12:00 p.m. Harrington Auditorium Junior Prom with Frankie Valli and the 4 Seasons

Tickets for WPI Students and their guests are \$2.30 for either Friday or Saturday night. Friday night tickets for the public are \$1.30, while Saturday night is not upon to the public. Tickets will go on sale April 15.

Dress for Saturday night: Girls

Dress for Saturday night: Girls Formal, Guys - Jacket and Tie.

The Literary Society of WPI intends to publish its annual collection of short literary works contributed by the students attending this institution. If you would like to have your efforts considered for inclusion therein, then by all means please submit them, to either Box 634 or else bring them in person to Stoddard A114. Poems, reflections, short stories, and all other creative forms are desired. Please submit them in either legible script or preferably typewritten. Any ideas you may have on suitable illustrations for your contributions are warmly welcomed. Anonymity, if desired, will be respected. Due to the massive job of editing, it would be helpful to have all contributions sent before May 1, though this may be slightly flexible. We are looking forward to another stellar issue, but we need YOUR help.

\$3,620.00

\$2,992.48

The Lion in Winter

by Bruce D'Ambrosio

The first impression one got upon entering the theatre was the craftsmanship of the set. It gave the proper mood to the rest of the play without taking away anything from the play.

Then the houselights dim and Alais douses the two lif candles. which were providing the only light at that time, on the stage. The stage lights focus on Alais' room and the play begins.

From here on in, the actors live up to the sets. Each scene grabs an emotion from you and is in general very well done. Warren Manzi as Henry and Nancy Berube as Queen Eleanor of Aquataine turn in what can only be described as superb performances, and the scenes that involve these two are most enjoyable, as they complement each other so perfectly. The sons also turn in excellent performances, and each makes their character stick out. The same may be said for King Philip (Peter Kent) and Alais (Dottie O'Keefe), although Alais sometimes got overshadowed by the other actors on stage.

The real talent in the play though came from the director (Betty Keddy) who managed to keep things tight, and gave a fine interpretation of the play. The lion in the Lion in Winter was not Richard the Lionhearted, but King Henry, a fierce and fiery king in his youth now starting to show the signs of old age. With this interpretation, the play all makes sense and there are no loose threads hanging at the end of the play. All together the play was not only an enjoyable one to watch, but also a meaningful one, and probably the best play that the Masque has put on in three

Turning a Techie Into a Professional Engineer

by Mark E. Munson and Wayne F. Dyer

No, this is not an Intersession course for next year, nor is it the criterion for selecting "Teacher of the Year".

This is the title of a research paper which will be presented at the Eastern Colleges Science Conference to be held at WPI on April 18th-20th. What is the ECSC? It is a research symposium involving over 50 colleges east of the Mississippi.

What makes it so special? All papers presented represent original research done by un-

WANTED:

Volunteers to participate in drug study. Must be male, 21 years old, in good health, and

able to give full day for each

experiment. May require overnight hospitalization for

collection of blood and urine

specimens. Financial com-

pensation plus expenses. Volunteers will be fully in-

formed of nature of experiment.

M.B. Meyer, M.D.

Astra Pharmaceutical

Products, Inc. Worcester, MA 852-6351

Written consent required.

CALL:

dergraduates. Topics range from a study of the history of the Connecticut Militia to acoustic holography, and include areas such as molecular biology and genetics, physical organic chemistry, all fields of engineering, computer science, math, and the social sciences.

There is still much to be done to make ready for the arrival of the over 250 students and faculty registered for the conference. A great deal of help is needed to insure smooth operation of the conference and to assist in presentation of the papers.

Interested? Please contact Mark Munson, WPI box no. 1531, or leave a note in the ECSC box, no. 2636. A few hours of your time on Friday, April 19th, or Saturday, April 20th will be greatly appreciated.

The paper mentioned earlier, by the way, was written not by a "Techie" but by Mary Ann Chute, University of Maine at orono, and deals with the ways in which a technologist may deal with increasing social responsibility. The presentation may be heard Friday morning, April 19th, along with many others.

Cross, and Clark — is taken care of by a fleet of hourly shuttle busses.

Presently there are sixty-nine WPI students enrolled in courses at other schools, while only forty-seven students are taking courses here through the Consortium. Newspeak recently talked briefly with Beth Kuhnlein ('77), a Consortium student from Holy Cross taking a chemistry course here at Tech, to get her reaction to the Consortium and to Tech.

As this is her first course here she has had only four weeks of exposure to go on, but so far she definitely likes it. She's met a lot of nice people, she added. Miss Kuhnlein declined to comment on our professors because of the short time she has been coming here.

The schedules have meshed fairly well. Holy Cross runs its classes on the half-hour rather than the hour, as we do. She therefore has half an hour between classes for travel. The vacation schedules are something else again. Although both Holy Cross and WPI have two-week breaks this spring they are staggered so that Miss Kuhnlein has a grand total of two days free of classes for her spring break. The word is that the calendars of the various schools will be more synchronized next year.

She decided to take the chem course here at Tech because it

FOR SALE — Concord DBA-10 Dolby with full warranty, Sony 440 Reel-to-Reel Deck with Auto-Reverse Record-Playback. See "Will", E-10, or call 791-5114.

NOTICE: To whomever took my wallet from its hiding place: I don't mind losing the money as much as (among other things) my driver's license and pictures of friends (some of which can't be replaced). If you still have them, please put them in Box 2350.

ROOMS AVAILABLE NOW for 1974-75 school year, close to campus, private home, single room. Call 755-9616.

ACOUSTIC GUITAR FOR SALE — Harmony Sovereign large body acoustic guitar with new strings. Must sell, only \$45. Contact "Doc Corey" at the Higgins House or leave your name in Box 451.

allowed her to make up a deficiency caused by a switch in Majors. By taking chemistry here she was able to save a lot of time waiting for it to be offered at Holy Cross. This benefit of the Consortium could prove very valuable to WPI students.

Her transportation is via the shuttle busses, which she finds very convenient. Only once has she been unable to find one, and that was because it had run out of gas.

ON PROJECTS

MQP-EE on Delta Modulation. Advisors: Moruzzi and Matthews. Need one or two more students for this term. If interested contact the above or drop a note in P.O. Box 966.

- Robert A. Hart

Classifieds

ony 440 Reel-to-Auto-Reverse ee "Will", E-10, Sper game. Leave name and phone in Box 378.

FOR SALE — Realistic 8-track stereo player-recorder. Lists for \$110, will sell for \$75. And 2 Realistic Solo-1 speakers. List for \$55, will sell for \$35. MUST SELL!!!! Contact Tom Kent at 757-9927 after 6 p.m.

FOR SALE — Ladies size 7 Reicker Buckle Ski Boots. Only worn twice; will sell for \$20. Contact Lois York at 757-9927 or 753-9653 anytime. Leave message.

Ji

01

P

ar

ca Co

col

the

its

Sat

Ma

ST

cha

Poi

the

fori

Ger

the

and

pla

with

plac

day

who

Bur

And

WPI

Poin

Bry

com

Corr

Cont

shou

five

Only

will

Ande

the 1

and

sche

winn to d

pion.

Title

His Tom

(269)

Kare

the |

team

Mint

winn

avera

Lowe

and d

place

Th

Ti

FOR SALE — Quadrophonically matched speakers, Two 2-channel pairs, which can be put together or used separately. Call Rob at 755-1461.

Memorandum

To: All Junior Civil Engineering Majors From: A.J. Sitva Re: Available Scholarships

The Massachusetts Highway Association is making available to present junior level WPI Civil Engineering students two scholarships for the senior year with stipends of five hundred dollars each.

If you have an interest in being considered for this award, you should submit a letter stating your reasons for applying based upon your academic achievements, needs, and professional goals.

Letters should be sealed, dated and addressed to Dr. Armand J. Silvas, Chairman, Department of Civil Engineering, no later than APRIL 12, 1974.

Final decisions will be taken under advisement by the Department faculty and recipients will be notified by early May, 1974.

HELP!

Wat Tyler Cluverius Essay Awards

\$300.00 and \$200.00

The Prizes and Awards Committee invites you to submit an essay of 1500 to 2000 words in competition for the Wat Tyler Cluverius Prizes of \$300.00 and

\$200.00.

These prizes are awarded annually from funds given to WPI in 1952 to honor the former President of the College.

Entries must be submitted to Dean Brown's office no later than Friday, April 19, 1974, and are not returnable. The contestant's name should not appear on the essay but on the envelope.

In the event none of the essays submitted is judged satisfactory, the prize may be withheld at the discretion of the President.

President.

This year's subject: a proposed solution to a significant problem in your major field of study.

Dean Bernard H. Brown
Office Of Student Affairs

CONSORTIUM NEWS

by Dick Eustis

The Worcester Consortium for Higher Education offers students at WPI much wider educational opportunities through the various curriculums of twelve Worcester colleges. The arrangement allows the transferral of credits from college to college, and payment of tuition at one school pays for all. Transportation between at least three of the schools — WPI, Holy

Tammany Hall

43 Pleasant St.

Midtown Worcester

presents

SUPER SUNDAYS

Happy Hours 1 to 1

with

Billy Whyte 5 - 9

Billy Whytes Band 9 - 1

Every Monday

"DOC" SULLIVAN'S

RIVIA RIBUTE

and his

Computerized Music Machine

Treats & medicinal spirits are on "Doc" if you can answer his questions. How good is your brain today?

1. The T.V. Series "Leave It To Beaver", what was Beaver's locker number at school?

2. What was the serial number of the Star Ship Enterprise in the T.V. Series "Star Trek"?

3. Who was the last person to win the American League's "M.V.P.

unanimously"?
4. What were the names of The Seven Dwarfs in Snow White?

5. What was the name of Boston Blaskiss Dog?

A Tweed Production

The Cardiovascular System — A Seminar Series

DEAN BERNARDH. BROWN

Office of Student Affairs

TWO PRIZES — One of Two Hundred Dollars and A Second

of One Hundred Dollars - Will be awarded the winner and

available to deserving entries, was made available by the Class of 1879

for an outstanding essay submitted to the Awards Committee in accordance with the following rules: ELIGIBILITY: Any undergraduate student of the Institute may enter

TREATMENT: The essay selected should be written in such a way as to

be suitable for publication in other than a scientific journal; it should appeal to average (layman's) interest and curiosity.

CHARACTER: The essay should reveal comprehensive knowledge of

the subject, must not be copied or abstracted in whole or in part from other sources, and should be accompanied by a bibliography or statement of experience. It must, of course, conform to rules of grammar and rhetoric. Direct or indirect quotations should be properly

FORM: The essay should be typewritten, one side only, on 8½ by 11 inch paper. It should be double spaced with adequate margins, the pages

numbered consecutively.

All essays must be handed in by 4:00 p.m. on Friday, April 19, 1974,

In the event none of the essays submitted is judged satisfactory, the prize may be withheld at the discretion of the President.

Recent essays submitted have included those on the following

in Dean Brown's Office, 206 B, Boynton Hall.

SUBJECT: The essay must be in a field of science or engineering. LENGTH: Between 2000 and 4000 words.

A prize amounting to two hundred dollars, with additional amounts

runner-up of The Class of 1879 ESSAY CONTEST.

For Whom: All interested students and faculty Subject: The human cardiovascular

Flood control in New England

Paper: The Product of a Million Uses

system — anatomy, physiology and diagnostic instrumentation

credited as to source.

Class D and You

The Solar Cell

What is sex-role stereotyping, what are its implications, and how can we avoid it?

Dr. Susan Vogel and Dr. Barbara Kohin, two fascinating Worcester women, will lead a discussion on the topic of "SEX-ROLE STEREOTYPING" on Wednesday, April 10 at 8:00 p.m. in the Library Seminar Room.

~~~~~~

Prerequisites: Desire to learn and a little calculus

When: Monday afternoon, 4:00 to 5:00; starts April 15, 1974 Where: Higgins 191

Where: Higgins 101
Presented by whom: Prof. C.L.
Feldman et al.

Credit: None — But it will provide an introduction to many thesis-project topics.

topics.
For additional information: See Prof.
Feldman

This seminar series will extend through D Term, 1973-1974. It is offered for all who are interested in learning about the function (or malfunction) of the human heart and related blood vessels, and about the instrumentation used to study the heart. There will be a few guest speakers and some relevant equipment will be demonstrated. There will be a coherent organization to the seminars but attendance at only those of particular interest to the individual is eminently sensible. There will be no

grades, quizzes, homework, etc., but suggestions for additional reading will be presented and active participation will be most welcome.

Tentative Schedule

April 15 — 1. Structure and Function of the Normal Heart — Electrical, Mechanical and Acoustic correlates of function.

April 22 — 2. Electrical Ac-

tivity of the Heart — The Electrocardiogram and Vectorcardiogram.

April 29 — 3. Acoustic Activity of the Heart — Auscultation and Phonocardiography.

May 6 — 4. Diseases of the Heart-Open Heart Surgery

May 13 — 5. Intravascular Study of the Heart — Cardiac Catheferization.

May 20 — 6. Patient Monitoring. The of the

## SPORTS HIGHLIGHTS

#### Pitching, Defense, Key to Baseball Team's Fortunes

by Dave McCormick

Coming off last season's 7-6 record, Coach Charles McNulty faces an ambitious seventeen game schedule with the task of replacing five starters lost through graduation. Among the missing will be last year's three top hitters, shortstop Jim Buell (.382), centerfielder Wayne Pitts (.353) and first baseman Steve Buba (.298). The team will also miss the solid hitting of senior third baseman and co-captain Alan Mikus, out with

WPI's greatest strength lies in its pitching staff headed by veteran southpaws Jim Fountain (2-3), Mike Sundberg (4-1) and right-hander Jim Hendrix (1-1). These three will have to pitch often and well to overcome an unproven offense. Possible relief work will come from sophomores Ed Haka and Steve Rourke, or freshmen Gary Graham and

The outfield holds a lot of potential, with returning starter Bob Simon, agood hitter in left, Steve Kineavy in center, and John Bucci in right. All are excellent fielders with good speed. They will be backed up by sophomores Gary Anderson, Jim Hetherman and Walter Braley, up from

The infield will be manned by scrappy co-captain Donald Bucci, a 286 hitter last year at second, Jim Cullinane at shortstop, Dave Shopis at first, Henry Cosimini or Chet Siok at third and George Klug handling the catching duties. Back-up will come from Dave McCormick, Brad Coleman, Dave Graham and promising freshman Ron Mattson. With even games in the first two weeks, this infield will have to develop cohesion in a hurry to continue WPI's long history of good defenses.

Coach McNulty says, "We lost much of last year's batting punch, but four pitching holds up, I believe we will hang up a winning season." If he team can capitalize on its overall excellent team speed, develop an dequate offense to go along with its good pitching and defense, the team should end with a plus .500 season. WPI opens with five of its first six games at home, beginning with Bates on Friday, April 12 at 3:30 p.m.



Baseball team prepares for upcoming seventeen game schedule.

#### POOL SCHEDULE

April 3 - May 22

MONDAY - FRIDAY

MONDAY, WEDNESDAY, THURSDAY

SATURDAY, FAMILY SWIM

SATURDAY and SUNDAY

11:30 a.m. - 12:20 4:00 p.m. - 6:00 p.m. 7:00 p.m.-9:30 p.m.

9:30 a.m. - 11:30 a.m. 1:30 p.m. - 4:30 p.m.

All hours are Open Swim for WPI students, faculty and staff, except Saturday morning Family Swim.

## **Bowlers**

by Ed Karedes

The WPI Bowling Team finished its regular season play last Saturday, March 30 at Lowell, Mass. becoming the 1974 TRI-STATE League CHAMPIONS. The championship was decided in the last match as WPI destroyed West Point 21-6 to nose out West Point in the percentage column .620 to .613 for first place. Outstanding performances were turned in by Jack Germaine who took first place in the singles event with a 584 series and along with Gary Gastiger placed first in the doubles event with a 1146 total. Gastiger also placed third in all-events for the day. Other members of the team who bowled were Ed Karedes, Tom Burns, Randy Emerson, and Gary

The final league standing showed WPI on top, followed by West Point, U-Mass, Lowell Tech and Bryant in that order. Other teams competing in the league include Cornell, Southern Conn., Central Conn., Western New England, B.U., and Clark. WPI's team should be strong again next year as live starters will be returning. Only Captain Tom Burns and Gary Gastiger will be graduating this year. Team Captains for next year will be Ed Karedes and Gary

The team is awaiting word from the New York City, Pennsylvania, and New Jersey leagues to schedule a tournament among the winners of the respective leagues le determine the eastern champion. The winner of the eastern thampionship will then bowl the western champs for the National

Highlights of the season are: om Burns - high game of league 269) and 8th highest average; Ed Karedes - 5th highest average in he league, team high average, learn high series of 614 and 606, Minuteman Classic all-events Winner; Gary Gastiger — 7th high average, doubles event winner at lowell; Jack Germaine - single and doubles winner at Lowell, 2nd place all-events at WNEC tournament, 246 game; Gary Anderson

242 game. The team finished second in five If the seven tournaments and won he CCSC Holiday Classic.

## Young Track Team Looks Promising

The WPI track team looks forward to a promising year in outdoor track. Despite the loss through graduation, this year's team appears to be as strong as last year's. Even though the schedule is a difficult one, the team should be able to compete with any opponent it faces.

This year's squad will be led by Co-Captains, James Weber (440 hurdles) and Alan Hallquist (440-880) whose experience and leadership will be critical in the big meets. In the sprinting events the team will be lead by lettermen Jon Hatch, Kevin Osborne, and Paul Selent.

The middle distance events appear to be unaffected by graduation with the return of Kurt Lutgens, Dennis Nygaard, Chris Keenan, and Alan Hallquist. The distance events look to be strong this year despite the loss of the talented Andy Murch through graduation. The mile will be headed by Alan Briggs while leadership in the three mile will be shared by Jeff Wnek, Dave Fowler and Richard Newhouse.

The hurdles will be run by Henry Fitzgerald, James McKenzie, Steve Silva and James Weber. It appears hopeful that their hard work will make up for the losses in this event from last year.

In the weights, Terry Lee is the top shot man with Jack Lambert appearing to lead the team in the discus event. The javelin promises to be one of our strongest events with both record holder, Bill Komm (204-11) and former record holder Richard Brondoli returning.

The triple and long jumps will be in the hands of two juniors, Bob Donle and Paul Varadian. They both have proved their ability in past seasons and will be counted on heavily this year. In the pole vault the squad will rely upon Steve Yankum and Tom McAloon.

This year's group of freshmen appear to be quite talented. Pete Kane. Paul Craffey, Dennis Legnard and Steve Sweeney all show ability which will help the team in the future. Since the opening of practice Chris Owen and Ray Baker have shown potential with Pete Sherer, Gary Pearson, James Howe and David Orestein also looking good.

The squad looks forward to its first meet on April 13 against Lowell Tech and Bentley College. The team is not exceptionally strong, but the excellent preparation by Coach Norcross has given the team a promising

#### SENIORS!

Graduation is Sunday, June 2nd at 10 a.m. Rehearsal will be Thursday, May 15th at 11 a.m. followed by refreshments at the Pub.

Commencement speaker is Eliot Richardson.

Expenses for graduation: Caps and Gowns:

Diploma:

\$7.00 \$10.00

Caps and Gowns can be picked up in late April at the Bookstore. Diploma Fee must be paid by last day of classes of D Term.

Tentative plans are being made for a Senior Bash the night before graduation. Anyone interested in helping, contact Pete Thatcher, or Russ Naber.

Spree Day Is Coming.

## Crew Team Outstroked

by Madd Dogg

The WPI Crew Team traveled to Hartford, Saturday to race the Trinity Bantams. The races were held on the Connecticut River, which due to spring conditions, was 16 feet above normal. This created a strong current which made for slow times all day. The heavyweight race got off to a good start with both boats even for 500 meters but then Trinity slowly pulled ahead and eventually won by only 14 seconds. The WPI Junior Varsity raced the Trinity Varsity lightweights. After a rocky start the boats were off. They remained head to tail for about 300 meters but the lightweights used a higher stroke and eventually pulled away. WPI started to close the gap at the end but Trinity won by three boat lengths.

The freshmen were able to put both an eight, which raced against Trinity, and a four which raced Lowell Tech. However both boats were beaten by their respective opponents. Although the freshmen were beaten they are much better than previous years and will be greatly helped by their new coach.

WPI lost the Regatta but made a good showing against a very strong team. The team travels to Amherst next weekend to race Amherst

#### **Upcoming Sports Events...**

Thursday, April 11

Varsity Golf, Trinity, U.R.I., Away, 1:00 p.m. Varsity Tennis, Assumption, Home, 2:00 p.m.

Friday, April 12 Varsity Baseball, Bates, Home, 3:30 p.m.

Saturday, April 13

Varsity Baseball, Wesleyan, Away, 1:00 p.m. Varsity Track, Lowell Tech, Bentley, Away, 1:30 p.m.

Varsity Tennis, Bentley, Home, 1:30 p.m. Crew, Lowell Tech, Away

Tuesday, April 16

Varsity Baseball, Lowell Tech, Home, 3:00 p.m. Varsity Golf, Providence, Bentley, Home, 1:00 p.m.

# Summer

Go on an archaeological dig in ancient Beersheba. Or dig up a few extra credits at one of the many Israeli Universities. Or dig the earth (and plant some seeds) on our Kibbutz programs. Or choose one of our many, varied projects.

Our exciting programs include enough free time so you can do your own sightseeing through Israel at no extra cost . . . digging just about everything under the Israeli sun.

Joint Israel Programs 72 Franklin St., Boston

SHALOM! Please rush me information on summer and other programs.

Address

Tel. No ..

#### HIGH ADVENTURE STARTS AT 2500 FEET

Your first jump course takes only 3 hours. Costs only \$70.00

World's lergest and safest.
Our 16th year.
Free brochure.

(includes all equipment over 230,000 jumps, 23,000 First jumps

OHANGE PARACHUTING CENTER
P.O. Box 96, Orange, Mass. 01364
Phone. 617-544-6911

LAXEWOOD PARACHUTING CENT

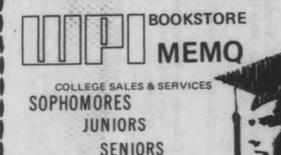
LAXEWOOD PARACHUTING CENT

PROP 258 LAXEwood N.; 08

Phone: 281-363-4908

# Sketch : Paint Vermont expert instruction in the scenic hills of Vermont

Dorm Style Lodging and All Meals July 7-27 — \$450 — Limited Enrollment Write — THE MIND'S EYE WORKSHOP Chateau Ecole, Pittsford, Vt. 05763



Last chance to order school ring before commencement in June.

Thursday, March 14, 1974 11 a.m. - 4 p.m.

\$10.00 Deposit Required

# ens & Lights Movie . Sunday in Alden

Euromed will assist qualified American students in gaining admission to recognized overseas medical schools.

And that's just the beginning.

Since the language barrier constitutes the preponderate difficulty in succeed-

since the language barrier constitutes the preponderate difficulty in succeeding at a foreign school, the Euromed program also includes an intensive 12-16 week medical and conversational language course, mandatory for all students. Five hours daily, 5 days per week (12-16 weeks) the course is given in the country where the student will attend medical school.

For the session starting July, 1974,

Hundreds of

American students

placed in

In addition, Euromed provides students with a 12-16 week intensive cultural orientation program, with American students now studying medicine in that particular country serving as counselors.

Senior or graduate students currently enrolled in an American university are eligible to participate in the Euromed program.

For application and further information, phone toll free: (800) 645-1234

in New York State phone (516) 746-2380

or write,

Euromed, Ltd.

170 Old Country Road Mineola, N.Y. 11501

# 7 & 9:30 One Bucl

PATRONIZE
OUR
ADVERTISERS
(They Help Make
It Happen)

## Room and Board Rates Hiked

- See Page Four





Denise Gorski - Student Body President

dy President O'Brien and Salomaki — Social Chairmen
Full Election Results — Page One

NEWSPEAK

This Week:

West St. Will Close, p. 1

J. P. Weekend Coming, p. 5

Oval & Diamond Previews, p. 7