

News From Washington

by Ray Cibulskis

Note: Starting with this issue, "News from Washington" will be a regular column in Newspeak. It will provide news, views and commentary on WPI's satellite campus in Washington, written by the students in residence there.

WPI's Washington, D.C. Project Center began its first term of operation on September 3 with 15 students involved in six separate projects under the

direction of Dr. Frank Lutz. Professor Jim Demetry is the faculty advisor in residence for ter A74.

The projects currently in progress are being performed at, and in conjunction with, five separate government and private industries" the Department of Commerce, Public Technologies Inc., Department of Housing and Urban Development, National Association of Manufacturers and the

National Institute of Education. Students are on a four day work week with Fridays being set aside for meetings of the entire group along with the faculty advisors to assess progress in the projects and discuss problems. Often a guest speaker of interest to the students is also presented at the Friday sessions.

With all of the students being either juniors or seniors who had become accustomed to college life

at WPI in Worcester, the experience of living in the nation's capital has proved to be a welcomed change. The living quarters, after some early difficulties, have proven quite adequate though a far cry from luxury. As with any product for sale (or rent) the advertisement was a bit exaggerated. Although a rosy picture was painted last May when the students visited Washington, they arrived to find that the first floor of the building was not stocked with students nurses as they had been led to believe, and many inadequacies such as unpainted rooms, broken oven doors, wrong size carpets etc. remain uncorrected at this writing. But the quarters are quite adequate and most students are quite satisfied.

Rocky Mountains to housing problems, seem to be progressing quite satisfactorily.

Some visitors to the project center during the Friday sessions, at which students make project progress presentations, have been Len Goodwin, head of the new department of Social Sciences at WPI, Louis Santone, director of Policy Research at the Department of Commerce, Dean Grogan of WPI, Kevin Arundel, Telecommunications officer for programs for productivity and technology in the National Institute of Education and Stanley Berman of the Executive Committee of the National Association of Manufacturers, Resource and Technology Division.

All in all the project center in Washington is off to a very good start and the prospects for the success of the satellite campus seem quite good.

Next Week: Social Life in D.C.

Projects, which range from areas of cable TV application to technology indicators and from satellite education in the



NEWSPEAK

Tuesday, Oct. 8, 1974 Vol. 2, No. 15

Financial Problems?

by Mary Polanik
Secretary

Students, now is the time to express your gripes, concerns feelings and emotions toward Financial problems in the broad sense as well as problems related to WPI's Financial Aid Policies.

A group of distinguished Trustees will be available to

discuss Financial problems and suggestions from 9 a.m. to 12 noon on Friday, October 11th, in room 101 of Higgins Lab.

These Trustees have offered their time knowing that some students have something to say about Financial Aid, but would rather not say it to Mr. Heselbarth.

The survival of WPI depends on backing given by such Trustees. In other

words, Trustees have power!

If you relate your problems or suggestions to the Trustees, they'll in turn see if they can do anything in the way of correcting or altering current policies.

Try to be there. It should prove to be an interesting morning. Don't feel that you have to stay, just drop in to say what you have on your mind, publically or privately.

Freshman Elections

Freshman elections will be held Thursday, Oct. 17, 1974 in Daniels Common. Any person wishing to run for office is reminded to have their petitions turned in by Friday, Oct. 11 to either Denise Gorski, box 877, or Tom Tantilillo, box 2085. So far, the freshman class has not responded at all. So it appears the Freshman are all Turkey Gweeps. Come on Freshman, I would like to see you prove me wrong, get involved!

Constitution Reforms

There will be an open forum on Thursday, Oct. 10, 1974 in the wedge at 11:30 a.m. Anyone having any questions on the revised constitution are invited to bring their views and ideas so they can be represented in the final revision. The voting of the constitution will be held on Tues., Oct. 15, 1974 in Daniels Common.

I'd like to thank the person who found my key and turned it in.

I greatly appreciate it. Such honesty is refreshing in today's world.

Terry Cirone
R 319

GREENING

OF THE CAMPUS

— what's been done?

— The Future?

All members of the WPI Community are invited to voice their opinions.

Wed., Oct. 9 4 p.m.

in the Pub!

Don't

forget

the Marathon Game

NOV. 8 & 9

Sponsored by the IFC

SAB MEETING

Wed., Oct. 9

7 p.m. Wedge

Food Up Date

As most students are aware, the projected opening date for the new dining facility is early November. Concurrent with the opening will also come the convenience and the selections that we have been waiting so long for. Perhaps during the past few weeks you have noticed many more kitchen-prepared meals than those industrial prepared ones that we remember all so well. The change is attributed to the recently was

issued a license by the Department of Health which allows them to prepare all of their own food (that is the ones that they have facilities for). The general trend in relation to food quality has somewhat increased and expect even a larger increase once we begin to utilize the new dining facility. Selections we became accustomed to last year like steak, all kitchen baked pastry, and at least 2 selections per meal will once again re-appear, I hope.

NEW

HOMECOMING

QUEEN

SCHEDULE

Thurs. afternoon: 5 finalists will be posted in the Bookstore window.

Sat. 10:00 a.m.: Final judging; 1:30 p.m. Motorcade from the front of Riley to the football field for finalists and their escorts.

Crowning — will take place either immediately before the game or during halftime.

Letters:

Dear Sirs:

I would like to take strong issue with S. B. Fine's article, "Views on the Middle East", in the October 1, 1974 edition of *Newspeak*, describing an interview with Professor Alvin Weiss.

(1) It is hard to envision how one can say that the Israeli military "bungled the job" during the Yom Kippur War. It seems to me that the Israeli army pushed back the Syrian armies and captured a significant amount of territory on the Northern front, that it crossed over the Suez canal and encircled the Egyptian Second Army, and was about to encircle the Third and part of the First Armies at the time of the cease fire. Admittedly both the Syrians and Egyptians made initial advances, but in three weeks all these were essentially wiped out and were turned into "routs". Only the Soviet-American agreement for a cease fire, conceived during Mr. Kissinger's hurried trip to Moscow, saved the Egyptian armies from annihilation. All this required three weeks, hardly a blitz-krieg, and far short of sixty days.

(2) While during the initial days of the Yom Kippur War, there may have been incidents of mismanagement of troops and facilities, clearly the Israeli strategy was to initially contain and repel the Syrians, and then take on the Egyptians. The former presented a more immediate danger to Israeli population centers, while the Sinai desert acted as a buffer zone in front of the Egyptian forces. By the time Professor Weiss arrived in Israel he could see a constant stream of tanks and supplies heading southward through Beer Sheva; this was the result of the prompt American aid and the relieved pressure on the Northern front.

(3) Indeed there were some indications of the pending attack by the Syrians and Egyptians prior to October 6, 1973, but several times during the previous two years the Arab armies have been amassed for maneuvers, only to be pulled back. During each of these previous times the Israelis went through the expensive procedure of mobilization and demobilization. This time, however, the Intelligence chose to ignore the activities on the Arab side, and did not alert the country of the possible dangers. Hence, the total shock and surprise. Nevertheless, on the eve of Yom Kippur there was selective mobilization of pilots and special units throughout Israel.

(4) The Israeli government happens to be a coalition government formed by several parties, none of which holds a majority in the Knesset, the Parliament. This coalition commands sixty one of the hundred-twenty votes. (A situation not unlike in many Western Governments at the

current time) Sure enough, an issue may arise which could defeat the coalition and would then require the formation of a new coalition following their constitutional procedures. This may even necessitate an election. But one may rest assured that there were no inklings of a revolution as late as August 1974. Who would revolt, against who? A military take-over? Former military leaders have quite successfully emerged as civilian leaders through the parliamentary party system on both sides of the ideological fence. The civilian population, which includes the majority of the military, support the free and electoral system of government. In fact, an election was scheduled for the fall of 1973. If such power plays as revolutions were in the wind, they surely would have been postponed indefinitely. The fact that Mrs. Meir was forced to resign along with Mr. Dyan, only to be replaced by a new generation of leadership, was a long overdue change of the guard. These new people are expected to implement new policies which are more commensurate with the times. In fact, the current coalition has been formed without religious parties, who in the past demanded serious concessions as a price for stability. The Israelis are now finding out that some of those concessions, to an essentially conservative element, are no longer necessary.

(5) As far as the Arabs perpetrating a revolution within Israel seems also very unlikely. The Arabs represent a minority with questionable allegiances, although acclaimed to be loyal to the Israeli ways. During the Yom Kippur War these Arabs donated blood, money, and civilian services to Israel, manned refreshment stands and ran car pools for soldiers traveling to and from the war zones. The economic status and living standards of the approximately half-million Arabs (half of which are Christians) is far greater than that of the inhabitants of the neighboring Arab countries. Even some West-bank (territory administered by Israel since 1967) Arabs have expressed a desire to be incorporated on a more permanent basis into the Israeli economy. While this is not a universal sentiment, there does not seem to be ferment for a successful revolution.

I have other points of conflict with the statements in the article by S. F. Fine; e.g., I believe that the Palestinian problem and the Israeli-Arab tolerance issues were also misinterpreted and misrepresented. These are far too complex to be reviewed in an already lengthy letter to the editor.

Imre Zwiebel, Professor
Chemical Engineering
Home Phone 752-4560.

Dear Sirs:

S. B. Fine's interview with me about the Middle East did a nice job in general of stating my ideas, and I am indebted to him for this. However, I do think that some interpretations of my statements came out a little different than I intended.

The hearings in Tel Aviv after the Yom Kippur War did show that the mobilization could and should have been quick enough not to have allowed the Arabs their initial advantage. This resulting in extending the war to the point that Israel's economy was indeed strained. But with American financial and equipment aid, they did one hell of a job of walloping the Arabs and recovering from their initial military disadvantage. Political pressures from the superpowers stopped their advances and brought home the reality that Israel's destiny may now not be totally self-determined.

Israel is a country with 2,500,000 Jews, therefore 2,500,000 political opinions. But no matter how popular or shaky its coalition government is, it is one place where there never, never will be a revolution.

Al Weiss

Dear Sirs:

I am sorry to see the editorial stand against forced bussing taken by the *Newspeak* editorial staff. It reflects a very simple-minded and shortsighted view of the problems of racial discrimination and equal educational opportunity. Consider your five paragraph editorial and its conclusions as if they were part of an IQP recommendation: I would rate it shallow and not acceptable.

I will never defend bussing as an especially good response to the challenge of achieving racial balance in schools. The fact remains, though, that no one has yet proposed any other method that will meet the goal.

Twenty years of experience in the South has shown that without outside interference students can come to terms with their black and white classmates, and initial hostility will rather quickly be replaced with acceptance. The principal troublemakers, in Boston as in the South of the 1950s and 1960s, are shortsighted, fearful, often racist parents and politicians. If the adults involved didn't make such a fuss, there would have been no riots, no stoning of buses. But when these parents and political haymakers, defying reason and law and morality, fight the issue in an attempt to continue the racial segregation they have grown comfortable living in, then naturally the situation becomes explosive.

If students use violence to show their objection to integrated schools, isn't it almost always a reflection of the values their parents and their up-till-then-segregated schooling have instilled in them? Sure there have been problems in integrating schools. There are plenty of bigots, both black and white, students in our public schools, who seem to relish the opportunity to create strife and stomp on their fellow classmates. But the only people who defend their actions are other bigots. Saying that we should stop desegregation because of the problems caused by a bunch of vandals and ignorant racists is akin to attacking the crime-in-the-streets-after-dark problem by establishing a dusk-to-dawn curfew for the law-abiding. That's not solving the problem, that's giving in to barbarism.

When you get down to what everyone says they object to, what's wrong with bussing? Millions of children have been bussed to school for years, before the question of racial discrimination ever came up. In

Dear Sir:

That widespread complaint about the lack of intellectual interest at Tech would have been reinforced at James Reston's recent appearance in Alden Hall. Let's bury that well chewed bone of contention, cultural apathy at WPI, as quickly as we can. Then we can emphasize that the value in attending these presentations lies not in disproving a possibly ill-deserved reputation, but in the expansion of one's awareness.

Mr. Reston offered his views on amnesty and Watergate, two subjects as, emotionally, philosophically and ethically laden as one would hope (or dread) to find.

Culling from a decidedly vast amount of information and opinion those points thought supportive to his arguments, Mr. Reston offered his solutions to these two sticky problems. And when he was finished and the audience had challenged his stance, one could see that what he proposed maybe weren't the right answers. That's why speakers come to WPI; not because they can give foolproof, undisputable and profound answers (they can't), but because they develop an appreciation that some things have to be dealt with in human terms. They might help you keep an open mind. You might even be left with a small sense of humility. No matter how you look at it, you can only benefit yourself by attending WPI's Fine Art Series.

Russ Warnock

NOTICE:

All letters must be counted otherwise they will not be published.

Bruce D. Minsky
Make-up Editor

rural areas it is taken for granted. You can't drive across the city of Worcester at 8:00 a.m. or 3:00 p.m. on a weekday without running across school buses, and no one here ever claimed they were bussing students to achieve racial balance.

Opponents of bussing argue that it infringes on their "freedom of choice." The facts speak otherwise. In virtually no public school system in this country is there freedom of choice. The neighborhood school concept, so entrenched in people's hearts, insures that not only can a child attend school in his neighborhood, but also that he must attend the one school in whose district he lives. The only choice possible is to move — a rather drastic step for the home-owning blue-and-white-collar workers who most seem to oppose bussing. And just as Congressional districts used to be gerrymandered to consolidate power bases, so too have school district lines been drawn to keep out blacks, and Jews, and Irish, and Germans, and other minorities.

Those who say that we should keep the neighborhood schools and work toward racial balance through changes in housing patterns are either counting on or conveniently ignoring the fact that this would delay by at least another generation the desegregation of our urban schools. And it is already one generation since the Brown v. Board of Education decision of 1954.

The vicious circle of segregated housing, leading to segregated neighborhood schools, producing people with no experience (and therefore often fear and ignorance and resentment) of their other-colored fellows, who therefore want to continue the segregated housing and education patterns they were raised in — this must be broken. Because that is the right thing to do. And the schools are the logical place where the cycle should be broken, where exposure and tolerance can grow and be nurtured — now, not maybe in another generation.

The *Newspeak* editors call this all nonsense. I believe that if they thought about the real meaning of what they were saying they would think otherwise. The issue here isn't bussing and it isn't quality of education and it isn't neighborhood schools. The issue is hatred and ignorance and prejudice and bigotry and meanness and a continuing desire to deny blacks their rights as human beings and American citizens.
Russel Kay
Director of Publications

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The WPI NEWSPEAK at Worcester Polytechnic Institute, formerly The Tech News has been published weekly during the academic year, except during college vacation, since 1909. Editorial and business offices are located at the WPI campus, West St. Second class postage paid at Worcester, Mass. Subscription rate \$4.50 per school year; single copies 50 cents. Make all checks payable to Business Manager. WPI Newspeak Office Tel. 753-1411, Ext. 464

Zurich, Switzerland:

Vacation and Study

by Toby Gouker

Beginning last year, students from WPI have been going to Zurich, Switzerland to study for a semester. The students leave in either April or October and study for 3 months at the ETH in Zurich. They study technically oriented subjects along with others of their choosing.

All junior and senior students at WPI can have this opportunity, but preparations must begin as early as the freshman year. The reason for this is because studying at the ETH requires that the student have a good knowledge of the German language. Therefore, a student wishing to participate in this exchange program will usually spend 14 months in a German school before Zurich.

When the student is living in Zurich he will find that he must be very independent. There is no advising, no contact between professors and students, and little contact between the students themselves. He will also have to find his own housing, there are no dorms, and there is a limited amount of student housing. He may live with a family for 4-6 weeks though.

The WPI tuition covers the tuition at the ETH, but travel costs and schooling in Germany is about \$1,000 extra. To help defray these costs, there is a stipend of about

\$2,300 for all the students going, to split among themselves. WPI also helps the students with an extra \$200. Altogether, it will cost each student about \$1,000 extra from WPI.

So far, two students have gone and returned, and two students are scheduled to go this year. A maximum of 3 can participate per year. Last year, one grad. student came from ETH to here and one is here this year. A maximum of two may come.

The fact that makes this a vacation for some students is that there are no grades given to the student. A record of the students

studies goes on his transcript, but if he wants a grade he must return to WPI and pass an exam. Those students from the ETH here, are working on their Masters degree.

Now for the reason why; there are several. First, to see another technical institute, one in Europe. Second, to take courses that can't otherwise be taken here. Another reason is for the language experience. But perhaps the biggest reason of all is that when a student returns, he has fulfilled his sufficiency requirement without taking any courses or any exams.

Interested? Contact Professor Eggiman in Kaven Hall.

Test at WPI on Oct. 19: Air Force Officer Qualifying

The Air Force Officer Qualification Test (AFOQT) will be given for the first time on your campus, Saturday, October 19th. The results of the AFOQT is one factor used to determine basic eligibility for Officer Training School.

Normally interested students are required to go to either Springfield or Boston to take the examination. This year the examination will be given on campus as a convenience to interested students. There is no obligation in taking the examination.

I am limited in the number of students that I may test, therefore only seniors will be given the

examination. Interested persons should contact me no later than October 15th to insure that they will be included in the testing session. I may be contacted at the USAF Recruiting Office, 36 Front Street, Worcester or by calling 753-3994.

Each year the Air Force offers selected college graduates and seniors positions in such fields as Electrical, Mechanical, Aeronautical, and Civil Engineering. Additional information may be obtained by contacting my office.

Sincerely,
Ed Sweeney, TSgt, USAF
OTS Representative

**Let's see everyone
at the Rope Pull
INSTITUTE POND
SATURDAY
after the football game**

Regis College in Weston, Mass. is offering free attendance at any of numerous "January Term" courses free of tuition cost to WPI students. January Term is January 13 - 31.

If you wish further information, see Harriet Kay in Boynton 201B.

ZURICH EXCHANGE PROGRAM

All present freshmen who are interested in spending a semester in Zurich, Switzerland, during their junior year, should get in contact with Prof. W. Eggimann, AK 205, X352. Since exchange students have to be moderately conversant in German, it is essential that plans for this program are made well in advance. Note that all students who have completed one semester of study in Zurich will automatically have fulfilled their Sufficiency Requirement in German.

PROJECT OPPORTUNITY IQP or MQP AT WYMAN-GORDON COMPANY STUDENTS NEEDED — PREFERABLY JUNIORS OR SENIORS

The Wyman-Gordon Company is interested in reviewing all of their manufacturing processes, techniques, equipment and operator functions with a thought of improving their overall energy utilization in the forging and heat treating of their products.

The shortfall in natural gas is particularly alarming to Wyman-Gordon because gas is an exceedingly good fuel to heat the exotic type metals forged by the company. The additional supplies for expansion in 1975 are not and cannot be promised, and they must look toward conservation for these supplies.

Following are some of the techniques, methods, and engineering skills that may be used and/or developed:

1. Heat Transfer — Convection, Conduction, Radiation
2. Instrumentation
3. Pyrometry
4. Burner and Combustion Control
5. Heat Balance
6. Vender Visitations
7. Time Lapse Photography
8. Computer Aided Data Collection and Analysis

Project should begin as early as possible.

Please contact PROFESSOR H. W. YANKEE (H203) for additional details.

WANTED

Students for Placement as IQP PRACTICE TEACHERS in the Paxton Center School at Elementary School Levels K-5 (areas of SCIENCE, MATH, SOCIAL STUDIES, and LANGUAGE ARTS, or combinations thereof).

Possibilities NOW:

1. Talk to students presently doing the project.
2. Spend a day at the school to see what it might be like.
3. Sign up to start project in Term B74 and/or any future Terms.

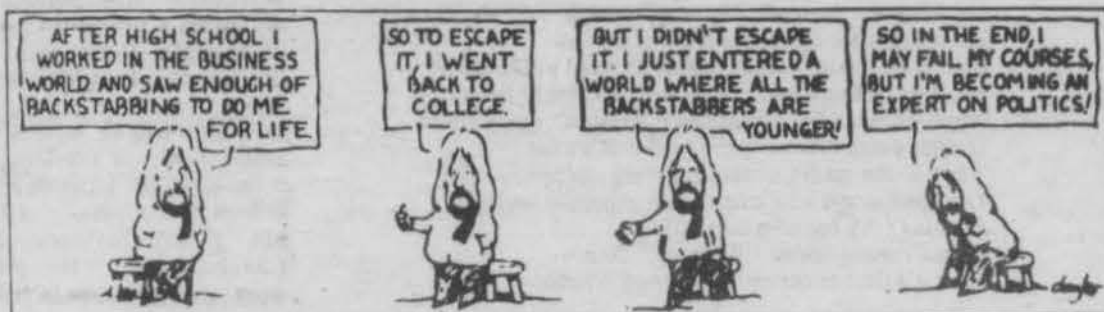
For more information, contact: PROF. BERKA, GH106.



'I THOUGHT YOU'D LIKE MY NEW PERFUME - IT'S HYDROCHLORIC ACID!'

IQP OPPORTUNITIES

The WORCESTER HERITAGE SOCIETY is looking for students to help them in their work to preserve our national heritage. Projects in the following areas are available: Development of Heritage Tours, Surveys of Historical Places, Building Restorations. Interested students should contact: Prof. W. Eggimann, AK205, X352 or Prof. G. Stannard, AK208, X273.



Tau Beta Pi

by Robert H. Nagel

The 69th national Convention of the Tau Beta Pi Association was held at General Motors Institute in Flint, Michigan, September 26-28, 1974. Tau Beta Pi is the national engineering honor society, now with 169 collegiate chapters, 47 chartered alumnus chapters, and an initiated membership of over 183,000. Students in the field of engineering are elected to membership by the collegiate chapters from the top 20 percent, scholastically, of their classes on the basis of character. Graduate engineers may be elected on the basis of their eminent achievements in the engineering profession.

Arrangements for the 1974 Convention were made by a committee of student members and faculty advisors of the Michigan Zeta chapter at General Motors Institute, under the leadership of chairmen Harry W. Lange and Roger E. Lachele, G.M.I. seniors. Allen Downs, treasurer of the Mass. Alpha Chapter on this campus, went to the 1974 convention as a delegate. He served on the committee on Chapter and National Financial Affairs.

The collegiate chapters were represented by delegates and alternates from 167 of America's leading engineering schools. Also in attendance were the

Association's national officers, faculty members from a number of institutions, and representatives of several Tau Beta Pi alumnus groups. Mr. R. C. "Red" Matthews, Tau Beta Pi's beloved Secretary-Treasurer Emeritus who will be 96 this December, attended his 61st consecutive Tau Beta Pi national meeting.

The Convention program consisted of committee and business meetings, informal discussion seminars, and an initiation and awards banquet on Saturday, September 28. Mr. Ernest S. Starkman, vice president, environmental activities staff, General Motors Corporation, addressed the Convention at the initiation and awards dinner. Main speaker at the September 27 dinner was Mr. Keeve Siegel, founder and head of the KMS Companies, Ann Arbor, Michigan.

An unusual feature of the Convention was an "optional extra day" before the business was begun, for student delegates. It consisted of special tours of General Motors facilities in and around Flint, including the Buick plant, the Chevrolet plant, the proving grounds, and the GM Technical Center at Warren. The cost of the extra day was borne by a gift of \$5,000 to Tau Beta Pi's Convention Fund from the General Motors Corporation's plant city committee.

Massachusetts law requires college registration of firearms on campus. The WPI Covenant for Student Residences prohibits firearms in campus dormitories. Students may register firearms on forms available from the Campus Security Office or the WPI Rifle and Pistol Club, and these registered firearms may then be stored under lock and key at the firing range. New registration forms are in use this year and should be picked up now.

**Only
2 more
weeks**

Worcester Polytechnic Institute
Department of Chemistry
Chemistry Colloquium

"Analogues of Enzymatic Transition States"

Dr. Gustav Lienhard
Dartmouth Medical School

Wednesday, October 9, 4:15 p.m.
Room 227, Goddard Hall

Refreshments Will Be Served

Jolly Giant SUBMARINE SANDWICHES

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Italian Cold Cuts	.95	1.15	Italian Sausage	1.15	1.35
American Cold Cuts	.90	1.10	Meatballs & Sausage	1.25	1.45
Imported Ham	.95	1.15	Grilled Steak	1.25	1.50
Imported Ham & Cheese	1.05	1.25	Steak & Peppers	1.25	1.50
Cooked Salami & Provolone	.90	1.10	Steak & Onions	1.25	1.50
Liverwurst	.90	1.10	Steak & Cheese	1.25	1.50
Capocola	.95	1.15	Steak - Onions - Peppers	1.25	1.50
Capocola & Provolone	1.05	1.25	Steak - Onions - Peppers & Mushrooms	1.35	1.60
Genoa Salami	.95	1.15	Steak & Mushrooms	1.35	1.60
Genoa & Provolone	.99	1.25	Roast Beef	1.25	1.45
Genoa & Imported Ham	.99	1.25	Pastrami	1.25	1.45
Genoa - Ham - Provolone	1.10	1.30	Sliced Turkey		
Italian Cold Cuts			White Meat	1.15	1.35
w/Boiled Ham	1.15	1.35	Turkey - Ham - Cheese	1.25	1.45
Tuna Salad	1.15	1.35	Hamburg	.99	1.20
Egg Salad	.85	.99	Cheeseburg	1.10	1.30
American Cheese	.80	.99	Pepper & Eggs	.95	1.15
Provolone Cheese	.85	.99			
Italian Meatballs	1.05	1.25			
Peanut Butter & Jelly & Marshmallow				.85	.99

MADE TO ORDER
Choice Meats-Sliced Tomatoes-Onions-Pickles-Hot Peppers

35 VARIETIES

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STORE HOURS:
Mon., Tues., Wed. 11 A.M. to 8 P.M. Closed Sundays Thur., Fri., Sat., 11 A.M. to 11 P.M.

*Foreign Student
Thrift Shop Sale*

Tuesday October 15

*Janet Earle Room
Basement of Alden Hall*

4:00 - 6:00 PM 7:00 - 9:00 PM

*Come purchase warm winter
clothing at a savings.*

Gentlemen:

I have recently had the pleasure of meeting some Worcester Area College Students at the "Grand Opening" of my barbershop "Men's World Hairstyling" at the Worcester Center.

I was very impressed with these students, and would like to take this opportunity to offer all students a discount at my barbershop. When they come in and present their ID card they will be given a discount of \$3.00.

Sincerely yours,
Dolores M. Szafarowicz, President
Men's World Hairstyling

New Hours: Mon.-Sat. 10 a.m.-7:30 p.m.

HELP WANTED

In Cafeteria

Thurs. - Fri. Mornings

See Frank Schlegel

First Images of College Life

by Bob Sachuk

M239

Heatless cinderblock and waterless bubblers
Construction beneath me and freezing cold showers
Temps that change at the flush of a toilet
Boiling hot water coming out of the cold water faucet
Roofless ceilings that prove there's water in the air
While we shoot the rapids down Morgan's dusty stairs
Hunger pains driven by the food that we eat
What is the name of this mystery meat?
Tasteless soups which need tons of pepper and salt
All this to say but who is at fault?
If this comes under "Woopies" plan
Then it's time to throw this crap in the can!

Students in the School of the Worcester Art Museum have organized a project to raise funds to initiate their own lending library. On Tuesday, October 15 from 11 a.m. to 2 p.m. a public book sale will be held in the Lancaster Lobby of the Museum.

Books of all types are included among the hundreds of volumes. Ms. Penny Mattern, Museum Librarian, said "The public has been very generous in donating to

this one book sale to benefit the Museum School."

Among categories of books are fiction, science fiction, cookbooks, biography, mystery novels, classics, children's books, art, sports and hobbies, history, poetry, and a section of books on China. Two complete World Book encyclopedias were donated as well as sets of the complete works of Poe, Kipling, and Smollett, among others.

Among the novelists represented in recent and older volumes are Wambaugh, Christie, Nabokov, MacLean, Crichton, Barlow, Galsworthy, Forester, Portner, Singer, Uris, Lee Caldwell and Michener.

Mrs. John W. Peterson Princeton and Mrs. Fred Kightlinger, Jr. of Holden are in charge of arrangements for the Book Sale.

Museum Book Sale

Leonardo da Vince Exhibition

The inventive genius and foresight of Leonardo da Vinci, who conceived of the flying machine and other developments that did not take practical form until modern times, is depicted in an exhibition opening October 6 at the Gordon Library, Worcester Polytechnic Institute.

The exhibition of the 15th Century artist-scientist's work, on loan from the IBM Corporation, includes some 18 models built from Leonardo's scientific and technical drawings. It will remain through October 27.

Models in the show include both practical and theoretical devices. Among them are a paddle-wheel pump, an idea that was not successfully developed until the advent of steam power in the 19th century; a theoretical gear system that produced three speeds of rotation, as in the modern automobile transmission; and a device for determining the tensile strength of wire, information essential to the engineer five centuries ago, as it is today.

Leonardo was fascinated with the possibility of human flight, and devised many schemes for flying, including ornithopters — whose principle support and propulsion comes from flapping wings. A model of an ornithopter in the show follows an early design calling for a lattice-like wooden framework, two movable wings, a series of ropes and pulleys and a windlass. This was to be operated by the flyer, lying prone in the framework.

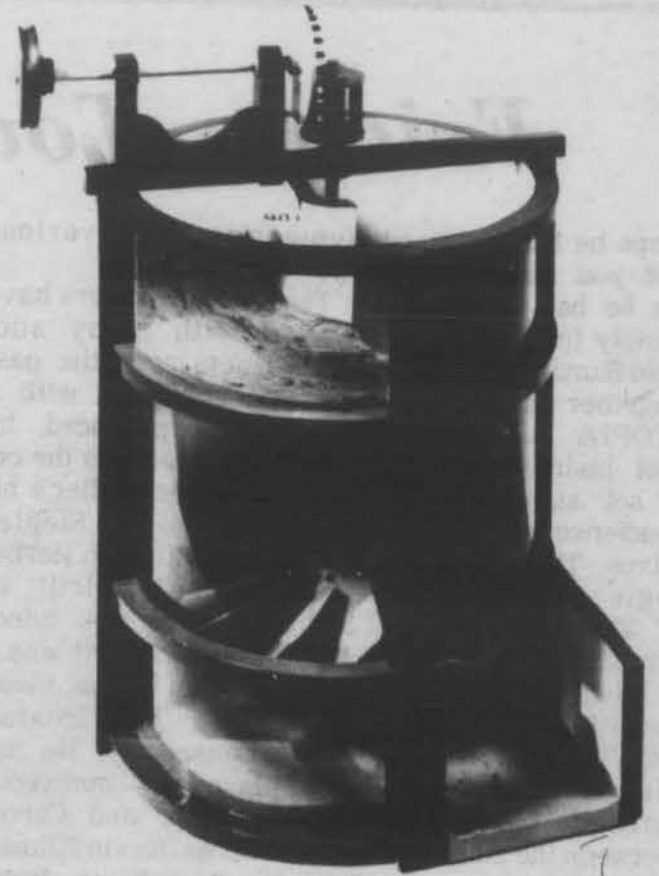
Although Leonardo considered war "a bestial madness," he was one of the leading military engineers of his time, and made innumerable sketches for fortifications and weapons. Models in the show include an armored tank, in which he foresaw a type of vehicle not extensively used until World War I, and a scaling ladder that resembles modern fire-fighting apparatus, but which Leonardo designed for storming the walls of an enemy fortress.

As a scientist and engineer, Leonardo was always concerned

with accuracy and measurement, and the show includes models of his designs for a hygrometer for measuring humidity, an anemometer for measuring wind velocity, and an inclinometer for determining the degree of a slope.

The first set of models of Leonardo's work constructed in contemporary times was built in 1938 for an exhibition in Milan, Italy. It traveled briefly, and during World War II was completely destroyed by bombs in Tokyo. Another group of models, built in the United States after the war, was acquired by IBM in 1951, and incorporated into the company's touring exhibition program. The models are displayed with panels of explanatory material and sketches reproduced from Leonardo's notebooks.

Four of these exhibitions are now traveling, on loan to museums, colleges and public libraries. Last year IBM's touring exhibitions were seen in more than 150 cities throughout the United States.



Hydraulic Screw: This device converted water power into mechanical power by transmitting to a horizontal axle the rotary motion imparted by water falling on the blades. Its principle is used in modern water turbines.

Page 1

YIT of the WEEK

PAUL D. O'BRIEN

who, for various sundry, absurd, and unknown reasons, has impressed THE GADAT as deserving some sort of recognition is thereby awarded the distinction.

HOT YIT

AWARDED: 8 OCTOBER, 1974

THE GADAT

NATIONAL SCIENCE FOUNDATION GRADUATE FELLOWSHIPS FOR 1975-1976
WASHINGTON, D.C. — The National Research Council has again been called upon to advise the National Science Foundation in the selection of candidates for the Foundation's program of Graduate Fellowships. Panels of eminent scientists appointed by the National Research Council will evaluate qualifications of applicants. Final selection will be made by the Foundation, with awards to be announced on March 15, 1975.

Initial NSF Graduate Fellowship awards are intended for students at or near the beginning of their graduate study. In general, therefore, those eligible to apply will be college seniors or first-year graduate students this Fall. Subject to the availability of funds, new fellowships awarded in the Spring of 1975 will be for periods of three years, the second and third years contingent on certification to the Foundation by the fellowship institution of the student's satisfactory progress toward an advanced degree in science.

These fellowships will be awarded for study or work leading to master's or doctoral degrees in the mathematical, physical, medical, biological, engineering, and social sciences, and in the history and philosophy of science. Awards will not be made in clinical, education, or business fields, in history or social work, or for work leading to medical, dental, law, or joint Ph.D. — professional degrees. Applicants must be citizens of the United States and will be judged solely on the basis of ability. The annual stipend for Graduate Fellows will be \$3,600 for a twelve-month tenure with no dependency allowances.

Applicants will be required to take the Graduate Record Examinations designed to test scientific aptitude and achievement. The examinations, administered by the Educational Testing Service, will be given on December 14, 1974 at designated centers throughout the United States and in certain foreign countries.

The deadline date for the submission of applications for NSF Graduate Fellowships is December 2, 1974. Further information and application materials may be obtained from the Fellowship Office, National Research Council, 2101 Constitution Avenue, Washington, D.C. 20418.

DON'T FORGET

MARATHON BASKETBALL GAME
NOV. 8 - 9.

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3. FREQUENCY OF ISSUE Weekly		
4. LOCATION OF KNOWN OFFICE OF PUBLICATION (Street, city, county, state, ZIP code) (Not printers) Alden Hall WPI WORCESTER MA 01609		
5. LOCATION OF THE HEADQUARTERS OR GENERAL BUSINESS OFFICES OF THE PUBLISHERS (Not printers) Alden Hall WPI WORCESTER MA 01609		
6. NAMES AND ADDRESSES OF PUBLISHER, EDITOR, AND MANAGING EDITOR		
PUBLISHER (Name and address) George W. Hazzard, Pres. WPI Worc. MA 01609		
EDITOR (Name and address) John M. Fitz Patrick & John C. Matto '60 WPI Newspeak		
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HOMECOMING

Friday: Todd Rundgren's Utopia

Perhaps he has confused some of you in the past, perhaps he has laid it out very simply for others, but now Todd Rundgren has put it all together and it spells out UTOPIA. A seasoned group of instrumentalists, Utopia set standards for their audience as well as themselves. There is time, to boogie and time to scream. There is also time for contemplation and sincere thought. Those who have seen Utopia play in the past year know of the incredible energy that is transmitted back and forth, between the state and the audience.

synthesizers and various special effects.

The group members have played with many successful acts over the past few years. Moogy, with a solo album produced by Todd to his credit, is the co-author of Bette Midler's hit "Friends". John Siegler has played with both Herbie Mann and Mandrill in addition to his own band, Air. Ralph Schuckett was a member of Jo Mama, Clear Light and The Peanut Bitter Conspiracy. He has also played on numerous James Taylor and Carole King albums. Kevin Ellman lent his talents to Bette Midler for her "Divine Miss M'lp and Roger Powell released his own album in 1972, entitled "Cosmic Furnace".

THE TOUR

Todd promises a minimum two hour playing time with individual spotlights focusing on each member of the band.

The state show will be complemented by some highly inventive lighting, a custom designed set and sound designed to give a quad effect.

The group has abandoned the glitche and make-up that was predominant on their first tours. All attire will be designed for comfort, Utopian style yet will still retain a visually trend-setting appearance. Most of the outfits worn, were made from material hand picked by Todd on his recent vacation in Europe.

Now, Todd Rundgren has both a new tour and a new album to complement his already impressive list of credits. You know of his production talents, recently featured in a Rolling Stone article, you have heard his hit singles, "Hello, It's Me", "I Saw The Light" and "We Gotta Get You A Woman". Now there is a group to play with the man. As stated on his album "A Wizard, A True Star", "...Wait another year, Utopia is here, and there's always more". How right he was.

In addition to Todd, the other members of the band are: Kevin Ellman (Drums), John Siegler (Bass), Ralph Schuckett and Mark Moogy Klingman (Keyboards) and newcomer Roger Powell will handle keyboards,



Todd Rundgren
Fri., Oct. 11 8:00 p.m.
Harrington Auditorium

"The entire effect is that of a Utopian revue", says Todd. Both aurally and visually the evening will supply a standout Utopian feeling to all concert goers.

The group's debut album, entitled **Todd Rundgren's Utopia** is currently in release on Bearsville

Records. The music was conceived by the group and produced and arranged by Todd. Most of the music was recorded at Secret Sound Studio in New York.

The opening track, Utopia was recorded live at the Fox Theater in Atlanta, Georgia earlier this year.

Tickets for	
night's performance on	sa
Daniel's Lounge	
10	
TODD RUNDGREN	UTOPIA
\$3.00	
\$5.00	
The Shiffon	Bigelow
\$3.00	
\$4.00	

 * For those who would like to suggest
 * for Homecoming
 * Friday — The Concert
 * Saturday Club
 * Shiffon Bigelow

Homecoming Dining Halls

Because of Homecoming, the dining hall has been worked out in conjunction with the WPI Dining Hall. It is hoped that all students will make the weekend a success. Friday, Oct. 11; Dinner — The Wedge, 5:00 — 6:30 p.m. Saturday, Oct. 12; Breakfast — Harrington, 11:30-1:00, Cookout — Basecamp — Basecamp, 5:00-6:00 p.m. Sunday, Oct. 13; Breakfast — Harrington, 8:00-9:00 a.m., Harrington, 9:00-10:00 a.m.

The Newspeak Editors and Staff urge all members of the WPI Community to attend Homecoming activities.

SUMMARY

Thurs, Oct. 10
 Homecoming Queen Finalists announced.

Fri., Oct. 11
 8 p.m. — Concert — Harrington.

Sat., Oct. 12
 11:30 a.m. — Soccer vs. Clark.
 12:00 noon — Cross Country vs. Bates.
 1:30 p.m. — Football vs. Bates.
 Homecoming Queen Crowned before game or at halftime.
 After Game — Fr.-Soph. Rope Pull — Institute Park.
 8:00 p.m. — Night Club — Harrington.

HAVE A GOOD TIME!

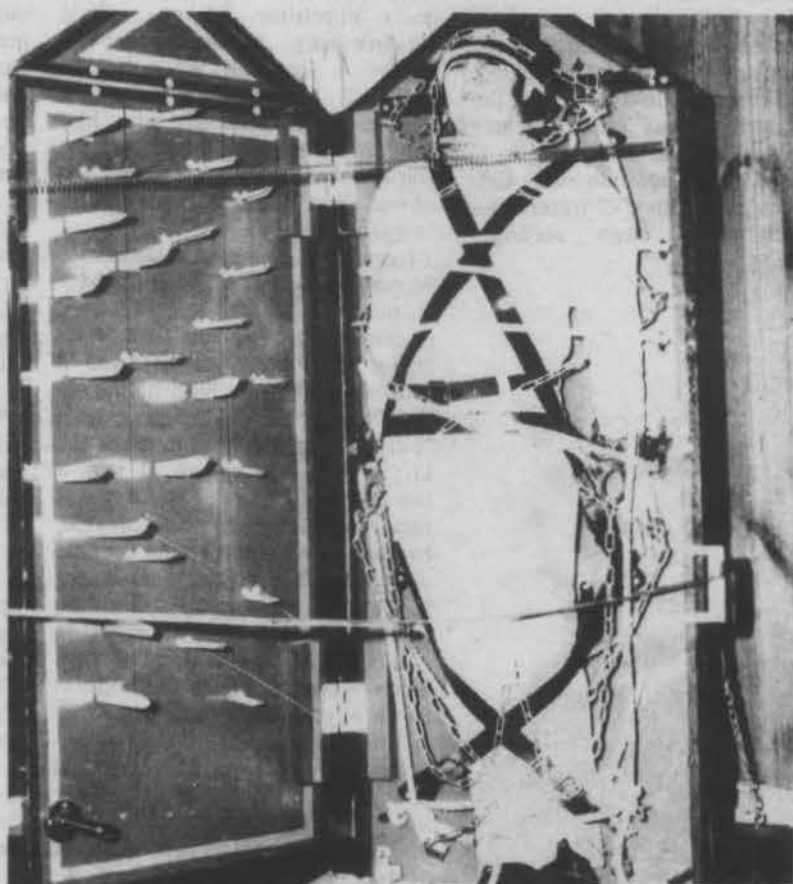
The advertisers on these two pages (6 & 7) have donated prizes to the Homecoming Queen Contest.

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MING 1974

Saturday: Bigelow & Shittons

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 10 a
 ODD RUPIA
 \$3.50
 \$5.00
 he Shittongelow
 \$3.00
 \$4.00



On Saturday night at 8:00 p.m. the WPI Social Committee will present its 1974 Homecoming Night Club. The evening will begin with a set done by the Shittons and contrary to popular belief and rumor they are an extremely professional and entertaining group. They perform a stereo-type Shanna-na routine but with a greater effect on audience participation and comedy. Following the Shittons will be Norman Bigelow, the Reincarnated Houdini. This gentleman attempts amazing feats of escape and is guaranteed to present a unique performance which will give everyone a chance to see a fine act other than the routine concert.

To end the show the Shittons will come back for one more set that should end a hopefully enjoyable evening. The dress-code for Saturday night will be semi-formal and hopefully everyone will be suitably attired. Wine, cheese, and crackers will be sold throughout the show by the class of '76. The show will last approximately 3 hours. The WPI Social Committee promises a night of entertainment that will be both enjoyable and unforgettable and sincerely hopes everyone will attend and not spend an evening in front of the same old tube because of the opinions of a few who personally dislike the Shittons.

 would like suggested dress code

 day — To concert

 Saturday
 Shittons show

**Norman
 Bigelow
 &
 The
 Shittons**

**Sat., Oct. 12
 8:00 p.m.
 Harrington
 Auditorium**



oming
 g Hhedule

coming with the following schedule
 a conjunction Social Committee and
 students and plan will cooperate to
 success.
 Dinner — they be picked up at The
 .m.
 ; Breakfast Harrington; Lunch —
 Baseball — Box dinners may be
 lge, 5:00-
 Breakfast, Harrington.

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History of WPI VI

Editor's Note: The following is the fifth in a series of twelve articles on the History of WPI edited by Jon Anderson from Two Towers on sale at the bookstore.

"Technical problems have everywhere broadened and deepened. But advance means more room, appliances, instruction. It may mean more time, a longer course."

So spoke Homer T. Fuller, the second president of the Institute in his inaugural address at the Commencement exercises of 1883. When, after his resignation in 1894, he spoke again at graduation, the school had not answered all of his questions, but it had tackled many of them. The school program had developed into a four-year course; the institute had extended its buildings; it had solved water and sewage problems for the City of Worcester; it had instituted a hydraulic laboratory which soon was to attract international attention.

For years no one had known what to call the school. No one, not even the trustees or teachers, called it by its full name. Immediately after its incorporation, the school had been soundly spanked for its "interminable name" by the Daily Spy, but nothing had been done about it. The Institute itself used such terms as the Scientific School, the School of Industrial Science, the Technical School, and Worcester Free Institute. As for the people of Worcester, they simply labeled it "the Tech," in the same way they talked about the station, the Common, the Court House, or the City Hall. "The Tech" it remained in the minds and on the lips of everyone who lived in the school's first century, even though the name was officially changed to Worcester Polytechnic Institute in July of 1887.



Homer T. Fuller

When Mr. Salisbury died in his eighty-sixth year (1884), Judge Peleg Emory Aldrich succeeded him as president of the corporation. At the same time, Mr. Salisbury's son, Stephen III, accepted board membership in addition to the many other positions in Worcester to which he fell heir from his father. When Judge Aldrich died in 1895, Stephen III became president.

Except for ten thousand dollars for instruction, Mr. Salisbury left the school no more in his will. Soon after his death, however, his son made a hundred-thousand-dollar contribution in his memory. This gift was immediately used to fill the pressing need for laboratory space.

The arrangement of the four-story building, built not for looks, was planned by the professors themselves to be as useful as possible. Professor Alden took a good share of the building for mechanical engineering, Alonzo S. Kimball a floor and a half for physics and electrical engineering (its new subsidiary). Leonard P. Kinnicutt appropriated part of the first floor for chemistry, but his laboratories were placed on the top floor, where "the wind would have a chance to dissipate the odors."

Dr. Fuller, a graduate of Dartmouth and a clergyman, had been appointed to succeed Professor Thompson not only as principal but also as professor of chemistry. In addition he taught geology, his pet subject, and required it of every student. School life was not new to him, for he had been principal for many years of an academy in Vermont.

"Good morning, are you well?" was a question that was asked, answered, and ignored more times than the students wished to count during the twelve years of Dr. Fuller's presidency. He seemed to be everywhere. There was no place where the students could avoid the soft-soled approach of what they called his "sneakers," more for their function than for their style. His strictest rule was "No whistling." One boy's graduation was postponed a year because of erring in this respect.

These were the years when the Goat's Head story and the Buckskin episode became legends at the Tech. The story of Mr. Higgins' Buckskin has been told by everyone except the horse himself, who might probably ask for some credit for surviving the experience. It took a smart horse to negotiate a two-flight spiral staircase up to the chapel, and a mighty good-natured one to submit to an exit upside-down by block and tackle. The final indignity came when the poor old horse was sold to avoid the notoriety of being seen on the streets of Worcester.

When Harry Dadmun came home from Washington after winning the United States Championship in the half-mile race

— in just under two minutes — the halls of Boynton and Salisbury Laboratories rang with cheers. Even Doctor Fuller gave no reprimand. "The students of the Institute seem to have waked up to the fact," commented one observer, "that they are more than mere high-school boys."

Only when everyone concerned — trustees, teachers, and students — admitted the need for rollicking, uninhibited fellowship did the spirit, which has since become uniquely Tech's own, begin to thrive. This recognition came first with the acceptance of fraternities "which had been strongly



Thomas Corwin Mendenhall

discouraged." This strong history of camaraderie began in 1886 with a Latin fraternity whose members in 1891 formed a nucleus for the later chapter of Phi Gamma Delta, Tech's first Greek fraternity. "There was nothing Latin or Greek about it," insists Robert S. Parks. "It started in my room on Lancaster Street as a means of expediting homework in mathematics."

These were the years when Worcester became more widely known than ever before or since for its manufacturing. Many of its companies were either the first, the best, or the biggest in the world. There were other embryonic activities which never became so well known as far as the City was concerned, but nevertheless added much color to the local scene. There were for instance the calliope, the lunch carts, and the typewriter.

Then, of course, there was Shredded Wheat, invented and manufactured by Henry Perky on Jackson Street. This business eventually moved away from Worcester to find more power, but while it was here it received a jolly sort of attention. Shredded Wheat was advertised as a palliative for all ailments, not merely as a tasty breakfast food.

Worcester's greatest problems as a city concerned its streets, water, sewage, and supply of mechanics. For all of these problems, the Tech offered advice and partial solution. For several summer seasons Henry W. Badger, taught young boys how to make simple articles in the woodworking and machine shops. Civil Engineering students, under Professor George H. White, helped with the surveying of streets. Leonard P. Kinnicutt, who had become the head of the Chemistry Department, gave constant advice about Worcester's water and sewage problems.

Leonard Kinnicutt, a Doctor of Science and the first man at the Institute with such an advanced degree, was also the first Worcester boy to be engaged as a professor at Tech. With a lineage reaching far back into Worcester's past, he was welcome in all of the City's west-side homes. It was a familiar sight to see Dr. Kinnicutt pedaling along on his bicycle, knapsack on his back, and pockets bulging with bottles of water specimens picked up from the homes of his friends. One dividend of his visits was that he always looked over the house drainage to be sure everything was in proper sanitary condition.

Dr. Kinnicutt, a naturalist as well as a chemist, was actively interested in Worcester's attempt of the 1880's to create a park system. His friend, Edward W. Lincoln, who contributed his services as Park Commissioner, had created an elaborate scheme whereby the City would eventually be circled by a wide boulevard connecting a series of parks. There were many supporters of his plan. Several citizens gave plots of land for this purpose, and Lake Avenue and Park Avenue were made into long wide streets as the first links of the contemplated boulevard.

Stephen Salisbury III, who was a member of Mr. Lincoln's Commission, gave seventeen acres of land across the street from Tech for such a park and he proposed to beautify the land himself. In the deed of gift he made a deferential gesture by specifying that the park must be named Institute Park and a certain section be reserved for future building by the school. The "location and dimension" was kept flexible, to be determined by agreement between City and school, a prerogative that up to its Centennial year was never to be used.

Dr. Fuller, in his farewell speech, mentioned the many doors which electricity had opened in technical education. Much had been accomplished, but he was sure there was far, far more to do.

By the October day when Dr. Fuller's successor, Thomas Corwin Mendenhall, was met at the station by members of the board and faculty and a great crowd of students, many of the projects Dr.

Fuller had initiated were close to fulfillment.

Almost ready for occupancy was a new president's house, just across the street from the old grey house where Professor Thompson and Dr. Fuller had lived. Peering far up into the sky at the top of Tech Hill was the ninety-foot chimney stack of a new power house. From this installation ran a tunnel carrying heat to the other buildings; through another tunnel power was transferred to the laboratories and Shops. Up to this time each building had had its own heating equipment, and the Shops their own engine. The new power station, with its steel grey walls and crimson engines and generators, was in itself a proud display of Tech's school colors. Almost completed was another building made possible by a grant from the State of Massachusetts. With two floors for classrooms and two for laboratories, the entire building was to become the home of Mechanical Engineering.

Thomas Mendenhall had had a spectacular career of teaching, spending many years in the Midwest and at the Imperial University of Japan. At Rose Polytechnic Institute he had succeeded Professor Thompson, then he had served as Chief of the United States Coast and Geodetic Survey before coming to Worcester.

One of the first things he did after arriving at Tech was to ask who was in charge of the Washburn Shops and what attitude the Shops and their superintendent should sustain toward the Institute and its president. "Are we one educational institution with several branches or are we two institutions?"

The trustees evinced some surprise that such a question should be asked, but in reality there was no one who knew the answer, even the persons most involved. Periodically the situation had been reviewed, with the Shops and Milton Higgins' control of them alternately being curtailed and expanded. There was no denying that the Shops had been amazingly successful — all too successful, muttered certain critics who worried about the comparative academic standing of the school. In the twenty-seven years of their existence, the Shops had sold almost a million dollars' worth of products, and their hydraulic elevators had been installed in every major city of the United States.

The graduates were asked for their opinions. "Would it be wise to conform to the practice of other technical schools, which do no work on commercial products?" wrote Senator Hoar to fill the graduates of Mechanical Engineering. Every answer advised no change.

Student Life Minutes

Meeting No. 1 By Terry Cirone Sec. Meeting No. 2

The Student Life Committee met on Tuesday, September 17, 1974, in Stratton Hall 108. Professor Alan King was absent.

1. The regular meeting time of the Committee was scheduled for Tuesday, at 3:00 p.m.
2. Terry Cirone was elected Secretary of the Committee.
3. It was noted that the Committee on Governance will appoint a replacement for Professor Davis, who is on leave. A replacement will also be sought for Mike Parker. Terry Cirone volunteered to discuss this with the Student Government.
4. The rest of the meeting was spent discussing what the Committee should concern itself with throughout the year. Professor Olson talked about the lack of sense of campus community. Many aspects of this were discussed dealing with social activities and other activities such as Spectrum. The idea of lack of pride in the school was also brought up. It was suggested that we might invite representatives from the I.F.C. to discuss a positive role that fraternities might play in the development of a sense of college community.

The Student Life Committee met on Tuesday, September 24, 1974, in Stratton Hall 108. Professor Alan King, Dean Reutlinger and Professor Frederickson were absent.

1. The Committee welcomed Professor Patrick Dunn of the Humanities Department as a new member.
2. The work of last year's Committee of 13 seniors was discussed. It was suggested that we try to encourage that same kind of student involvement and activism in the present Student body. Along these same lines the fraternities were discussed. Ron Materniak of the I.F.C. was invited to speak on the role of fraternities in keeping the Student body active. John Fitzpatrick, Editor-in-Chief of Newspeak, was invited to speak on Student leadership and the role that the newspaper can play working with the Student body.
3. A short discussion was held concerning possible changes in the Freshman Orientation Program to make the program more meaningful for the incoming class.

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Student Body Constitution: An Opinion

by Bob Fried

For the past few years, the Student Government has been operating under a completely outdated constitution. In reality, Student Government has no set structure or guidelines for operation and therefore the S.G. is inefficient. Student government needs a new constitution that will fit the present structure and will also make the needed changes so that S.G. is a useful and powerful instrument of the Student Body. Besides giving the Student Government more of a voice in school affairs, the new constitution must give the Student Body more of a voice in Student Government as well as in school affairs. It must open channels of communication between students, Student Government, faculty and administration.

To remedy the situation, a number of students, including myself, got together during the summer to write a draft of a new constitution. The Executive Council accepted the draft with a few changes. This is probably the best constitution we ever had. However, there are a few sections of the new constitution that are ambiguous or not in the best interest of the student body as a whole.

My major complaint is Article II, section 5, which states that Student Government can have closed meetings. Students have the right to go to S.G. meetings to voice their opinions and S.G. has no right to prevent this, especially since it is our money that S.G. runs on. There is nothing top secret that S.G. discusses. There is no reason why S.G. should ever have a closed meeting, except when counting votes of election or when discussing qualifications and voting for students who want to be appointed to committees (and only after each student has a chance to speak in their own behalf). A matter of fact, for the last three years the Executive Council of Student Government has never had a closed meeting (except for counting votes), until two weeks ago. The meeting was closed so that S.G. could decide how to spend \$1800 of our money. Closing a meeting for this purpose has started a dangerous precedent. Why was the meeting closed? Did Student Government have something to hide? A major argument in support of having closed meetings is that if many students come to a meeting to voice their opinions on controversial issues, S.G. would never get any work done and problems will not occur if S.G. follows Robert's Rules Order (as stated in Article II, section 4) and also if

the president of Student Government knows how to run a meeting.

Another part of the constitution that is not in the best interests of the Student Body is Article VII, section 3-A, which states that the SAB chairman must be approved by the Executive Council. This is a dangerous power of the Executive Council if they use it to reject the chosen chairman of the SAB because they would rather see a friend be chairman or because the person may have different opinions than that of a majority of the Executive Council. This clause can make the chairman of the SAB a puppet of the Executive Council. I'm sure that the members of the SAB have a better idea of which of their fellow members would make the best chairman. I'm also sure that the members of the Executive Council aren't any more responsible than the members of the SAB. The major argument in favor of Article VII, section 3-A is that S.G. needs a check on the SAB. This argument is ridiculous, since the Executive Council must approve practically everything the SAB does. I doubt that Student Government needs any more checks on the SAB, especially if all meetings are open so that the Student Body can keep a check on the SAB.

Article XII, section 1-c, which states that the chairman of the Dormitory Committee shall also serve as chairman of the Food Committee, is slightly ambiguous. Does this mean that the chairman of the Dorm Committee must be on the meal plan? If he does, then students, particularly those from Ellsworth Fuller, not on the meal plan can not be chairman of the Dorm Committee. If he doesn't have to be on the meal plan, is it fair that the chairman of the Food Committee doesn't have to eat the food?

Article XII, section 1-d, states that representatives of the IRHC may be on the Food Committee if they are on the meal plan; while Article XII, section 1-A states that the Food Committee represents Riley, Morgan, Daniels and Stoddard. So what happens with the representatives from Ellsworth Fuller that are on the meal plan?

There are a few more sections of the new constitution that are ambiguous, but these are the major ones.

Should the new constitution be ratified as it is or should there be changes before the Student Body accepts it? It's up to you.

Individuals For a Rational Society

I am organizing a chapter of individuals For a Rational Society here at WPI. IFRS is a national educational organization whose purpose is to "change the debate" from between varieties of statism to between libertarianism and statism. The individualist's Manifesto, framed by Robert James Bidinotto, was adopted by the IFRS as its official statement of principles on April 21, 1973. It is as follows:

"We, as individuals For a Rational Society, affirm these truths:

"That each man has an inalienable right to his own life;

"That, this right is derived from man's nature as a rational entity, and its recognition represents a necessary condition for his proper survival among his fellow men; that it entails man's freedom to take all actions required by his nature to maintain, further and enjoy his existence; and that it thereby morally sanctions his freedom to act on his own judgment, in his own self-interest, for his own chosen values;

"That this right to life is the source of all other rights, including the right of property; that property rights are human rights — moral guarantees of the freedom to gain, keep use and dispose of the material values produced by a human being to support his own life;

"That one's rights can be forfeited only by and to the extent that one violates the equal rights of other men; that since, in logic, there can be no such thing as a right to violate rights, no man or men may morally initiate the use of force, coercion or fraud against any other man or men — the only moral use of force being in retaliation against those who initiate its use;

"That governments are formed when men delegate to an institution their right of retaliation, so as to obtain an impartial protection of their rights under a codified system of objective laws; that a government, as such, has no rights except those delegated to it by the citizens for a specific purpose; and that the only purpose of a moral government is the protection of individual rights;

"That the sole functions of government compatible with the principle of individual rights are three: a law-making and enforcement apparatus, to protect the innocent against criminals; a national defense system, to protect the innocent against foreign aggressors; and a judiciary, to distinguish the innocent from the guilty, to bring the guilty to justice and justice to the innocent, and to arbitrate disputes among men;

"That just as it is immoral for a man or group of men to infringe upon individual rights, no government — which is merely an agency of men — may morally do so; that to the extent to which governments therefore venture beyond their rightful role, they embody the very evil which they were established to eradicate; that, for these reasons, no government may morally interfere with the convictions, associations, occupations, transactions, properties and pleasures of any peaceful and non-coercive individual;

"That any government interference in the economy is inconsistent with these principles, and unless completely eliminated, inexorably degenerates into dictatorship or chaos; that such interference is inevitably on behalf of some individuals at the expense of others, destroying the independence, initiative, and integrity of all; that when the seeds of coercion are planted in the field of politics, all that grows is the strangling weed of totalitarian control;

"That free trade — the uncoerced production and voluntary exchange of values — is the only method of social behavior consonant with individual rights, and with the nature and needs of rational beings; that laissez-faire capitalism, entailing a total separation of Economics and State, is the only social system embracing that method — and is therefore the only moral, as well as practical, social system possible to man;

"That a government's foreign policy, to be both moral and practical, must likewise remain consistent with the principle of individual rights, and serve the just self-interest of the people whom the government represents; that just as a proper government does not attempt to cooperate with domestic criminals, neither should it attempt to cooperate with foreign tyrants; that to aid a despot is to tighten his grip on the chains of his slaves; that a bow to tyranny is a blow to liberty.

"Finally, we dedicate ourselves to the task of advancing the principles of reason, individualism and capitalism. With these ends, then, we pledge — as did our intellectual forefathers — to raise a standard to which the wise and honest can repair."

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If anyone is interested in joining or would like more information, please send a note to Box 588.

Kenneth R. MacDonald

Emancipation

by Kenneth R. MacDonald

The Fundamentals of Capitalism

Capitalism has been blamed for every evil (or alleged evil) imaginable. Its very mention conjures Dickensian vision of self-serving "robber barons" with chips in hand and dollar signs flowing from their eye sockets, whose only object is to squeeze every last penny from the meek and childishly innocent workers. Capitalism is the scapegoat for such diverse and sometimes contradictory phenomena as military aggression, poverty, contentiousness, puritanism, economic crises, crass materialism, alienation, etc. Of any social-political-economic system capitalism is the most misunderstood and misinterpreted; therefore, any discussion of its merits and shortcomings must begin with an explicit statement of its essential characteristics.

among men is that of traders, acting voluntarily and to mutual benefit. Capitalism is the only socio-political system that recognizes and exemplifies this principle.

Politically, capitalism (the prefix "laissez-faire" is quite unnecessary, since "if it isn't laissez-faire, it isn't capitalism") is commonly defined as government in favor of the rich. Nothing could be farther from the truth. In fact, the one remarkable attribute of capitalism which distinguishes it from any other political or economic system is that government in any human action is forbidden until an act of force or fraud has taken place. Government obstruction of the

uncoerced trading and associations of business is incompatible with the ban on the initiation of force, since any unprovoked restriction of freedom constitutes force (see The Case Against the Draft — part I). Therefore, capitalism presupposes the separation of State and Economy.

By way of a definition, capitalism is a political-economic system in which the right to private property is upheld and all property is privately owned. Its synonym is justice.

(The opinions expressed in this column are those of the author alone. Questions, opinions, and objections should be addressed to box 588.)

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IFC Corner

Sigma Pi

During the summer P.J. Billington, Glenn Ekwall, and Brad Coleman represented Sigma Pi at a nationwide convocation in Augusta, Georgia. Honorable mention was received for the chapter newsletter and also for the most improved chapter. The brothers also returned early this year to put a new coat of paint on the house.

The Second Annual Casino Night which was held last Thursday was a success even though some of the big winners may not have agreed the next morning.

Sports-wise, the intra-house doubles tennis tournament is in full swing and we have already played one hockey game with one more scheduled this week. Despite a slow start in volleyball, the team record is improving steadily at 4-3 with one game left.

Glenn Andrews
Ace P.R. Hunky

Reston At WPI Trivialities

by: Peter J. Mulvihill

James Reston Jr. was at Alden hall last Wednesday to talk on the issue of amnesty and pardon. Mr. Reston is a graduate of the University of North Carolina at Chapel Hill. From 1963 to 1964 he wrote Stewart Udall's speeches, he was a staff writer for the Chicago Daily News from '64 to '65. He then was inducted into the Army and worked for Army Intelligence until 1968. He is currently a lecturer in creative writing at the University of North Carolina. He also has written various articles on Vietnam and amnesty for the new Republic, Saturday Review, World Magazine, the New York Times and Newsday.

Mr. Reston is an expert on the subject of amnesty. In a talk with him he said, "I think amnesty and pardon, together are the hottest issues around"; he went on to say that he felt that the economy was more important.

In his talk last Wednesday Mr. Reston, in making a comparison between post civil war reconstruction and the present, said that Andrew Johnson granted a full and unconditional pardon to the

common foot soldier of the Confederate army fifty days after Appomattox. If he could do this in a way which the country was physically divided and had 350,000 casualties on the Union side alone why couldn't it be done for the potential foot soldiers who would stand up for their beliefs rather than fight in an amoral war? In the Civil war these people who were given amnesty were charged with treason and not with evasion of simple draft laws. In response to Mr. Ford's "punitive pardon" James Reston felt that the draft evaders "have everything to lose and nothing to gain".

In the Civil War, Mr. Reston said, there was a lot of "waiving the bloody shirt". This means that people were saying look at all the people that died on our side why give these traitors amnesty. There is a fair bit of that being done by groups like the VFW.

James Reston felt that, in all their consideration in putting together the amnesty proposal the administration tried to humiliate the people who left the country into saying that they were wrong. He said that if all they had to do was

swallow their pride, he would advise them to do so. "They have more to lose" he said, "they will lose their years toward citizenship, in the country they were residing, once they re-enter the U.S. There have only .008 per cent of draft evaders have returned and only .005 per cent of deserters have come back as of September 26. There have been 85 people convicted of draft evasion found and all have accepted the terms; what else could they do it gets them out of jail. The American Civil Liberties Union is challenging the plan under the thirteenth amendment, forbidding involuntary servitude.

During questions Mr. Reston said that he was in favor of an unconditional amnesty. He doesn't like political solutions to legal problems though. Deserters can come back and get a dishonorable discharge and be a free person.

At the end of his lecture Mr. Reston proposed a one month furlough to allow people to come home and see their families. This would be a purely humanitarian gesture.

Last Friday night the WPI community was honored by the presence of the rare and venerable personages of Drs. Joe Albani and Dennis Golden, Doctors of Triviology and other important, useless, and exotic information. For at least one night, all that and information that has managed to find its way into our heads was of some value.

Together the two of them put on a fine show awarding a dozen or so Super-Trivia diplomas to various people who could out-remember, out-man, and totally embarrass the dynamic duo of decidedly daft, debonaire experts.

The presentation at the pub asked the philosophical question: Why was the Prisoner captured?

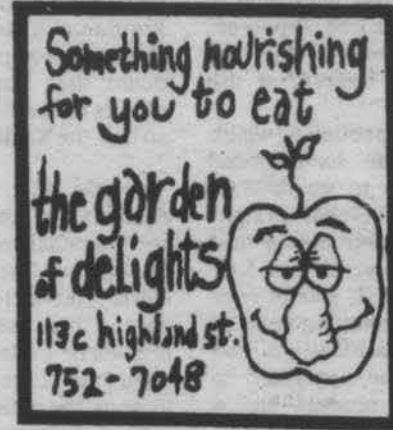
The presentation at the pub asked the engineering question: Who was the Jetson's janitor?

The presentation at the pub asked the sociological question: What was Ralph Cramdon's job?

The presentation at the pub asked the musical question: What did Clancy lower?

The presentation at the pub asked the firmly established precedent: What type of plane circled King Kong on the Empire State Building?

Actually, the whole thing was quite trivial.



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WK. DAYS 2:15, 7:30, 9:45

Limmerick, etc.

by Arnold Feldman

The other trivial thing in the pub last week was a Limerick contest. It was at this contest, called Creativity Two, that several Tech students made their debuts as poets.

The contest was the second of its kind in the last six months. The only thing I can find in common between the two is their Advisor, Prof. Byod of the ME dept. The contest was billed as a way to stimulate Creative Thinking and the first line of a poem which says "While searching for a limerick Lude" pretty much sums up the type of creative thinking going on.

The purist will say it was an afternoon filled with social commentary, and a pretty good case can be made for it since the topic was anything to do with WPI the limericks were split with 7 being "Lude", 7 talking about the plan, 3 on the Pub, and 2 about the contest (one of which won a prize), 2 on the food, and 3 which can't be classified.

The contest was open to anybody who showed up and several professors added their own little pieces of literary "Art". I'm not sure if Prof. Fraziers will be printed but here goes:

There was a young lady from Becker
The sight of whom lengthened my Pecker
I entered her hole in
The west wing of Olin
For that was more fun than to neck her.

This actually was joint effort and one of the all-American Techies

takes full credit, or blame, for the middle two lines.

Not all of the poems were covertly suggestive as demonstrated by this entry from David Liben;

There once was a Prof. they called Keil,
Who was known to court coeds with style.

He showed one a laser
But it didn't phase her;
She was After his Atomic pile.

As mentioned earlier the food service got two entries and this one won a prize:

We use to eat in Morgan
Wrecking out intestinal Organ
Whatever we'd eat
Would surely repeat
And we'd have to eat it next mornin'.

It was submitted by Bruce, give me my beer, Rotker, who could be counted on to recite one of his little gems, and that all too familiar sentence (give me my beer) every 20 minutes or so.

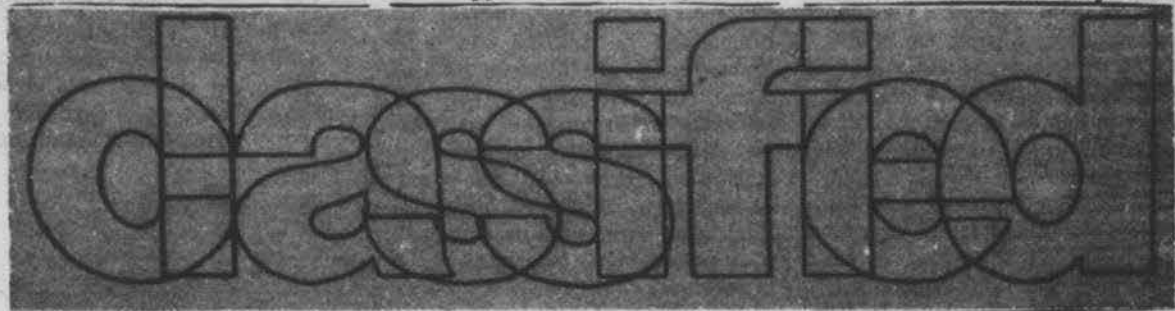
Another prize winner, this one entered by K. Lannerman went like this:

We all know a guy named Van A
Who invented a special new way
The grades are all missin'
With open admission
If you flunk out you still have to pay.

I would like now to list the winning limericks and then print some which I found aesthetically nice, appropriate, or plain damn funny. Len Goldberg added his two cents about the contest with:
In an effort to be innovative
Tech tried to make us creative
They first gave us Broc
And to finish their shock
Use limericks to so be Humiliative.

The award for the worst was given to a poem with Don Getuor's name on it:

Edna St. Vincent Millay
Enjoys a good roll in the hay
So co-techs should listen
To find what they're missin'
And copy her manner of play.



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MUST SELL: 1970 Dodge Polara, 318, convertible, full power, extras, very reasonable. Best offer. 799-9826 after 5:30.

CALCULATORS FOR SALE — A calculator is a necessary tool for most courses at WPI and for all fields of engineering. We have second hand TI SR-10's (w-inverse, square, square root and scientific notation) for sale at considerably below store prices (\$50). Also other models at lower prices. If interested call 799-7773 or write to Box 335.

ATTN. MODAR owners. For Sale: 440 six pack, 383 magnum, assort. internal and external parts, mallory dual point distributors and 2 posi-rears. Box 1945.

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FOR SALE: Connoisseur turntable \$100, 3 way Norelco speakers, \$125 pr. Box 1342, Will Lowther, E7, 755-1461.

INTERESTED IN Basketball? Keep stats for the WPI basketball team. Become a basketball compet. For further information call 757-9308, ask for Glenn or Al.

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Sports Highlights

Engineers Upset Middlebury, 12 - 7

by Cy

WPI's football fortunes took a complete turn Saturday as the Engineers spoiled Middlebury College's Homecoming and beat the Panthers 12-7. WPI traveled to Vermont as the underdog with an 0-2 record. It was a complete victory for the Engineers, too. Except for the first ten minutes of the second half and a few tense minutes late in the game, WPI dominated play. They actually had to overcome some bad breaks as fumbles and some questionable penalties went against the visitors.

WPI had apparently drawn first blood in the opening period when senior tri-captain Bob Simon fielded a Middlebury punt on his own 15 yard line and raced 85 yards for the score. The play was called back and touchdown nullified, however, because of a personal foul penalty.

The Engineers did score first, but it was not until the second quarter. After another Simon touchdown was called back, this time because of an offside penalty, quarterback, Dave McCormick hit tight and Don Drew with a seven yard pass to put WPI in front 6-0.

The score remained the same the rest of the first half. Middlebury, however, scored on their first possession in the second half. They marched from their own 20 for a score on a drive that consumed over ten minutes. The Panther touchdown came on a four yard blast by fullback Chase. Scott Bicknell kicked the extra point and Middlebury now led 6-6.

The Engineers came fighting back, led by McCormick and fullback Tom Pelis, and moved the ball well. They could not dent the end zone, however, until Pelis smashed over from the one. That made the score 12-7. A Worcester two-point conversion attempt was foiled.

It was now Middlebury's turn to rally and they did. The WPI defense was equal to task though and thwarted two Middlebury drives in the closing minutes via interceptions. The first interception was made by sophomore Bob Dolan and the second one by senior Henry Fitzgerald that sealed WPI's first win.

The Engineers now can look forward to the Homecoming game this weekend with Bates. Bates record is now 1-2.

Quote of the week

"THE COMPUTER IS A DUM-DUM!"

Peter Hayden

Simon Says

This past week was a big improvement over my last week, although there still were a couple of games I could not believe. College football is not as predictable as it used to be.

From the pro games of September 29 I was 2-4, that gave me a 7-10 total record for my first week. Compare that with a 7-4 record from the college games Saturday and my season log is 14-14. Let me remind you again that Sunday's pro games are not included in this article has to be submitted Sunday morning. Here are picks for next week, and they include a lot of tough games:

Alabama	38	Texas	14
Alabama	27	Florida St.	10
Boston U.	20	U. of Mass.	17
CLA	17	Stanford	16
City Cross	13	Colgate	10
ennessee	14	LSU	10
hichigan	27	Michigan St.	17
braska	35	Missouri	21
ry	14	Syracuse	12
as Tech	21	Texas A&M	20

the pros:			
isburgh	21	Kansas City	14
ami	17	Washington	13
Los Angeles	20	Green Bay	14
Louis	16	Dallas	14
incinnati	27	Cleveland	20
New England	20	N.Y. Jets	17

for the Big Homecoming Game:

Harriers Remain Undefeated

by Chris Keenan

The Cross-country team moved its unbeaten record up to 8-0 last week with two successful efforts. The wins were very encouraging for the squad since improved team strength was demonstrated in each.

The first meet last week was at WPI against Wesleyan College. This was the team's first home meet of the season and it was a very important one. Last year Wesleyan had soundly defeated WPI in a meet on their course. This year we returned the pleasure by taking the first three places on the way to a 16-42 victory. Tech was paced by Alan Briggs and Chris Keenan who tied for first. Jeff Wneh and Pete Kane took third and fifth, respectively. The fifth man in for us was freshman, George Cooper with Dave Fowler close behind.

On Friday, the team traveled to Dudley, Mass. to race Nichols College and Lowell Tech. The course was a difficult one, providing a difficult challenge for the squad. After a tough battle over the first half of the course, Tech broke the race open and was able to capture the first four places with a four way tie for first. The four winners were Peter Kane, Jeff Wneh, Chris Keenan and Alan Briggs. They were followed by George Cooper (6th), Dave Fowler (9th) and Frank Leahey (10th).

This week the team will face two more opponents. On Tuesday, we travel to Boston to meet Tufts University. This Saturday, homecoming weekend, Tech faces Bates College. This could be the most difficult test of the year since Bates has one of the best teams in New England. It will take an impressive performance for the team to win, but they do have the potential. The meet will be held at 12:00 on the WPI course and your support would be appreciated!!

IM Volleyball

by B.Y.

The final week of the Intramural Volleyball season is here. These last games will decide which teams go to the playoffs. The first and second place teams from each division are entered into the playoffs. As of the writing of this article only four teams are definitely in the playoffs.

In Division 1, first place PKT (A) is still undefeated and definitely has a playoff spot. Second place has already been decided with the Celts taking sole possession.

In Division 2, SPE is undefeated and guaranteed a playoff spot. Second place is still undecided with SAP and LCA (1) fighting it out.

In Division 3, ATO (1) is undefeated. There is a three way tie for second place with SAE, CAVS and Kuwaiti all only one game in the loss column.

These final games of the season are extremely important with the playoffs starting Wednesday, October 8 at 6:30 p.m.

IM VOLLEYBALL STANDINGS (as of Oct. 2, 1974)

DIVISION I	
PKT (A)	7-0
Celts	6-1
Morgan, 3A	5-2
Riley 3	4-3
A.T.O. (2)	3-3
DST	2-5
T.K.E.	3-4
Daniels, 2A	2-5
T.C.	1-6
PTG	2-5
DIVISION II	
S.P.E.	7-0
S.A.P.	5-2
LCA, 1	5-2
S.P.	4-3
PGD	4-2
PKT (B)	4-3
Daniels, 2B	3-3
Morgan, 2	1-6
Stars	1-6
Daniels, 4	0-7
DIVISION III	
A.T.O., 1	6-0
Cavalliers	5-1
Kuwaiti	5-1
S.A.E.	4-1
P.S.K.	4-2
B.S.U.	2-3
Morgan, 3B	2-4
LCA, 2	1-4
Daniels, 3	1-5
Hawks	0-6



Upcoming Sports Events

TUESDAY, OCT. 8
Varsity Cross Country at Tufts, 4 p.m., away.

THURSDAY, OCT. 10
Varsity Soccer vs. Lowell Tech, 3:30 p.m., home.

SATURDAY, OCT. 12
Varsity Football vs. Bates, 1:30 p.m., home.
Varsity Soccer vs. Clark, 11:30 a.m., home.
Varsity Cross Country vs. Bates, noon, home.

MONDAY, OCT. 14
JV Football at AIC, 3 p.m., away.

Support

W.P.I. Sports

During Homecoming.

Booters Whip MIT Lose To UMass.

by Steve Fairbanks

The varsity soccer team, which was ranked as the 14th team in New England Soccer ratings last week split. They started things off Tuesday by smashing MIT 4-0. The Engineers dominated play through most of the contest, using tight midfield control and constant offensive pressure as their main weapons. John Bucci put Tech on the scoreboard midway through the first half with a head shot, as he jarred the ball loose from the hands of the MIT goalie as they both leaped for a high cross. Although WPI kept the pressure on the remainder of the half, MIT held on and the score remained 1-0 at the break. However, in the second half, the Booters exploded for three goals to put the game on ice. Alan King was once again the main threat for the Engineers, as he netted two goals and assisted on the third, which was scored by Rick Rudis. Rudis also assisted on one of the goals by King. Halfbacks Carlos Lacerda and Chris Cocaine played a strong game for Tech, as they constantly controlled midfield enabling a strong offensive attack. The shutout was number two for WPI goalie Bob Grochmal.

However, Saturday's game did not go as well, as the long trip ended in disappointment. The Booters were soundly beaten by U. Mass. who are ranked 8th in New England. The game started off very evenly with both teams penetrating deeply, but at half time WPI was down 1-0 and went completely lax letting in 3 more goals.

In this coming week's action, WPI faces Lowell Tech on Thursday afternoon and plays Clark on Saturday morning. An additional highlight of the homecoming game should be the rivalry generated by last year's assistant coach Bob Surette, who is now Clark's head coach. The record now stands at 4-2, with hopes of finishing this week with two more wins added.

1974-75 BASKETBALL

Tuesday - October 15

4 p.m.

Harrington Gymnasium

Varsity and Junior Varsity Teams

All students are invited to try out for WPI teams

Candidates will report to Harrington at 4 p.m.

Supply your own equipment during tryouts.

What's Up?

TUESDAY, OCT. 8

W.P.I.

CROSS COUNTRY, at Tufts, 4 p.m.
CINEMATECH, Committee Selections,
"The Great McGinty," Alden Auditorium, 7:30
p.m.

W.S.C.

GIRL'S TENNIS — WSC vs Boston College,
3:30 p.m. Away.
MEN'S TENNIS — WSC vs Western N.E.,
1:00 p.m. Home.

FIELD HOCKEY — WSC vs Fitchburg
State, 3 p.m. Home.

MEN'S GOLF — WSC vs Western N.E., 1
p.m. Home.

SOCCER — WSC vs Mass. Maritime, 2:30
p.m. Away.

LECTURE — Nursing Department,
Auditorium, 4:30 p.m.

PROGRAM — Inservice Nursing program
— sponsored by the Consortium, Centennial
Rm., 1 p.m. - 3 p.m.

MEETING — Department Chairman
meeting, Alumni Rm., 10:30 a.m. to 12:30 p.m.

H.C.

VARSITY SOCCER, Clark, 3:30 p.m.

HC WOMEN'S ORGANIZATION presents
Rev. Thomas Culley, S.J., in harpsichord
recital, Members Only, 99 College St., 8 p.m.

MULTI-MEDIA PRESENTATION —
Guinea Bissau, Hogan 519, 8 p.m.

WEDNESDAY, OCT. 9

H.C.

Bergman's CRIES AND WHISPERS —
film, Kimball, 3:30 and 8 p.m.

W.S.C.

MEETING — Mass. Reading Association
with Mrs. Shaughnessy, Amphitheatre, 3:30
p.m. - 5:30 p.m.

SALE — 1974 Centennial Yearbook Sale,
Cafeteria and Science Building Lobby, 8:30
a.m. to 1 p.m.

MEN'S TENNIS — WSC vs Westfield State,
2 p.m. Away.

FILM — "High Plains Drifter", Student
Lounge, 8:00 p.m., Adm. \$.25.

THURSDAY, OCT. 10

W.P.I.

TECH OLD TIMERS, Seminar Room,
Gordon Library, 10 a.m.

SOCCER, vs. Lowell Tech, 3:30 p.m.

H.C.

WOMEN'S FIELD HOCKEY, Fitchburg
State, 3 p.m.

WOMEN'S TENNIS, Fitchburg State, 3
p.m.

MIME: T. Daniel's "A World of Mime",
Hogan Ballroom, 8 p.m.

FRIDAY, OCT. 11

W.P.I.

SOCIAL COMMITTEE CONCERT,
(Homecoming, Harrington Auditorium, 8 p.m.)

H.C.

COTTON COMES TO HARLEM — film,
Kimball, 7:30 p.m.

SATURDAY, OCT. 12

W.P.I.

ALUMNI HOMECOMING
REGISTRATION and COFFEE HOUR, 10 -
noon.

SOCCER vs. Clark, 11:30 a.m.
TAILGATE PICNIC and BARBECUE,
11:30 - 1:30 p.m.

CROSS COUNTRY vs. Bates, Noon.
FOOTBALL vs. Bates, 1:30 p.m.

ROPE PULL, after game.
HAPPY HOUR, Higgins House, after game.

NIGHT CLUB at WPI, Harrington Aud., 8
p.m.

H.C.

VARSITY FOOTBALL at Colgate, 1:30 p.m.
VARSITY SOCCER, Lowell Tech, 1:00 p.m.

BALLROOM DANCING: Instruction 1:00 to
5:00 p.m., Dancing 8 to midnight, Hogan
Ballroom.

SERGEANT YORK — film Kimball, 7:30
p.m.

MONDAY, OCT. 14

W.P.I.

J V FOOTBALL, at AIC, 3 p.m.
WPIC-TV "Chemical and Biological
Warfare," 10 a.m., Noon, 7 p.m.

H.C.

DOUBLE INDEMNITY — film, Hogan 519,
3:45 and 8 p.m.

COLUMBUS DAY, holiday.

TUESDAY, OCT. 15

W.P.I.

J V SOCCER, vs. Dean Jr. College, 3:30
p.m.

CINEMATECH, The Learning Process,
"If," Alden Auditorium, 7:30 p.m.

H.C.

SPEAKER: Richard Cohen, "A Heartbeat
Away", Hogan Ballroom, 8 p.m.

TODD RUNDGREN

Friday, Oct. 11 — Harrington



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