

Newspeak

The student newspaper of Worcester Polytechnic Institute

Volume 4, Number 16

Tuesday October 5, 1976

Headed program in Phillipines

Dr. Keshavan returns

by Ken Mandile

Dr. Krishnaswamiengar Keshavan, a member of Worcester Polytechnic Institute's Civil Engineering Department, returned from the Phillipines in July after taking part in a United Nations Educational, Social and Cultural Organization program.

The UNESCO program was a result of a UNESCO conference held in Paris in 1974. The program's goal was to incorporate the study of environmental impacts into the education of engineering students in underdeveloped countries. This would help to make the engineering students in those countries more cautious and thus avoid some of the suffering evident in the more developed countries because of technology.

Dr. Keshavan, who was the Senior Advisor of the program, explained the program to *Newspeak* last week. He said that the program was done through the University of Phillipines in Manila.

One part of the program was to begin a very broad based course entitled "Technology and the Environment." This course was very much like WPI's ID 1020 or 1030.

Exam revisions planned

Competencies studied

by S. B. Fine

During the summer of 1976, an Ad-hoc committee consisting of members of the committee on academic policy and other interested faculty members and administration people began discussions on revising the competency exam. The Ad-hoc committee consisted of Professors Stable, Aruzi, Blumel, Chalabi and Kranich. Dean Grogan was also on the committee. On July 13, 1976, they held an open meeting with all faculty members on campus. The meeting lasted about 4 hours.

Some conclusions concerning the exam were made at the meeting. The first was that the competency exam was consistent with the program at WPI. The high failure rate of the exam (about 30 per cent) was not so much the fault of the exam as the

A second part of the program involved students with six projects. According to Dr. Keshavan many more projects were available, but only thirty students from eight departments were to be involved, so the program was limited to six projects. The thirty students were divided into groups of from four to six. Each group had two faculty advisors and a liaison from private industry.

The project problems varied from air pollution from a cement manufacturing complex to the disposal of molasses from a sugar processing plant to solid waste disposal. The students involved are now in their fifth year of studies and are writing their final report.

A third part of the program was to include environmental considerations in all courses, but because of the broad scope of this it will take some time to complete.

Dr. Keshavan is now the head of the WPI Civil Engineering Department. He came to WPI in 1967. He received his BS from the University of Mysore in 1950, a BE in 1955, an MS in 1960 from the State University of Iowa and a PhD from Cornell in 1963.

fault of the preparation. Students were going into the exam having passed the courses that they were supposed to have passed to pass the exam, but these students (about 30 per cent) found that they could not put the knowledge accumulated in the courses together. One suggestion to solve that problem was a problem solving seminar. Another was a preliminary exam used for diagnostic purposes only. The third and final suggestion discussed in detail was a seminar competency for those who failed it the first time.

The revisions are still being discussed. Dean Grogan would be glad to talk with anyone who has any suggestions for revising and improving the competency exam.

Mass PIRG is here

Political action

by Arthur Girard

There is a new organization on campus this year and it is here to stay. The WPI chapter of Mass PIRG (Public Interest Research Group) has received final approval to operate on campus this year. After a couple of years of controversy, surrounded by special interests and misinformation, a few WPI students (as part of their qualifying project work) got together enough signatures from students to make Mass PIRG an official campus student organization. Over half of the student body approved of the group and its proposed funding mechanism.

Mass PIRG is a student-based political and social action organization. Begun about four years ago on five Massachusetts college campuses, it now includes 18 student chapters, the newest of these being the one here at WPI, plus a small paid professional staff of researchers, organizers and lawyers. It has been reasonably successful at making itself heard in the courts, in the legislature, and especially on the streets.

WPI students who are interested in outside campus political and social issues will now have an outlet, right on campus, for involvement in the community. Aside from the smaller things that students can accomplish as members of Mass PIRG, it is very much hoped for that students will use the PIRG as part of their program by doing their qualifying projects through this organization. It presents a great variety of project ideas and opportunities for students.

The organization will be funded in this manner: On your bill for terms C and D will be a *separate* two dollar charge for Mass

PIRG. If a student wants to be a contributing member, all he—she has to do is pay the whole bill.

If a student does not want to belong to the group, he—she simply can subtract the two dollar charge from the total bill. A small amount of this money will go to paying the minor expenses for set-up and operation of this campus chapter. The remainder goes to the state organization to pay for staff, legal and research related expenses. However, as WPI will be a part of the state organization, one could argue that we get our share of what we pay just by the fact that the PIRG will now be a part of WPI.

The statewide organization, Mass PIRG, is operated by a Student Board of Directors, who hire all the organizers, staff, research and legal people. The PIRG organizer in the Worcester area is Peter Rider. He comes to the campus at least once a week (Thursdays from 10 a.m. to 2 p.m. in the IQP Center) to help organize student PIRG activities. Some of the issues Mass PIRG is working on now are: the state bottle bill referendum, a study of nutrition, solar energy, freedom of information, and nuclear power.

Mass PIRG at WPI will be like a club or any other campus organization as far as student involvement is concerned. It will always be there for interested students who want to work for political action. Most of the issues are statewide concerns, but action on the part of local chapters is done on a local level. *Some* of the things students can do, short of qualifying project work, are: lobbying, surveying citizens, curveying candidates, researching, public speaking, media participation, letter writing, and designing legislation.

To be held Oct. 9

Freshman elections

Elections for freshman class officers (president, vice president, treasurer, secretary, and class representative), commuter representative and Junior Prom Chairpersons are on October 14th. Petitions are due by 10 a.m., Oct. 9th in the Student Affairs office in Daniels Hall. Petition requirements are as follows:

1) For the offices of the Freshman class, at least 25 signatures from the class of '80.

2) For class rep. ('80) at least 50 signatures from the class of '80.

3) For JP Chairmen, at least 25 signatures from the class of '78.

4) For commuter rep., at least 50 signatures from commuter students.

Please direct any questions to John Nyquist, Box 2301 or at 756-0826.

one night and caught her doing the dirty deed. If she's been smart, she would have popped along and kept his garden watered too.

The shortage has brought forward a lot of ideas for saving water from various sources, some good, some bad, and some pretty silly. One suggestion was that we should all put a brick in our lavatory cistern to reduce the quantity of water required to fill it but inevitably some idiots stuck the brick down the bowl instead and wondered why it didn't work. We've been told to bathe in less than 5 inches of water, to fill our kettles half full, to use old bath water to water the garden and to clean our teeth from mugs. In some areas they have cut off supplies so that people have to collect their water from the standpipes in the street in buckets, while in others it is cut off for up to 18 hours a day.

All over the country the farmers are shedding tears (but not enough to do any good) as they watch their crops wither and die, and one firm of umbrella makers has completely folded (1) due to the slump in demand for their goods. But the biggest threat is to the brewing industry, which uses over 10 gallons of water to make each pint of beer. Now if there is one thing which will bring this country to its knees, it is the threat of beer supplies drying up. I can see people giving up washing, watering, cleaning, eating, drinking, bathing, showering, swimming, in fact anything to make sure that supplies of this vital commodity are maintained to the end.

So if you find yourself in this country in the near future, and are appalled by the filthy streets, the grimy people and the disgusting sewers everywhere, please excuse us. We may be smelly, but at least we're happy.

From our British correspondent

Water, water, nowhere!!!

by Jeff Sleeman

Well, once again the cricket season draws to a close and all true Englishmen hang up their pads and boxes for another year, as the Baker Street fogs come swirling round our bowler hats and brollies. Yes, winter approaches and the season for sea and crumpets by the fire is with us again.

Talking point on this side of the Atlantic this summer has, of course, been the phenomenal drought which has swept over our normally rain-soaked little country, leaving the reservoirs empty and our rubber ducks high and dry on the bottom of our chilled baths. You might think that for a country entirely surrounded by water, with no point more than 80 miles from the ocean and an average rainfall of 30 inches, a

shortage of water would be the least of our problems. Don't you believe it. After two years with far less than average rainfall, things are now starting to get desperate. The government has now stepped into the water crisis (but unfortunately not drowned itself) having waited until it was almost too late to do anything, as usual. Now we're not allowed to wash our cars, water our gardens or use any more water than absolutely necessary.

One unlucky woman was fined 500 pounds for sneaking out and watering her lawn at midnight. But she was stupid, her garden was so lush and green compared to the others in the street, which looked like a Sahara desert, that the local bobby got suspicious, hid behind a bush in her garden

Editorials: A moment of silence

This week marks the first anniversary of the theft of the Arm and Hammer weather vane from the top of Washburn Tower by persons unknown, and we at *Newspeak* feel that this deserves a moment of meditation by all. The Arm and Hammer was the symbol of WPI, recognizable to people from all over the country. It had happily existed atop Washburn since, as nearly as we can estimate, 1870. No one now knows whether it was made of wood or copper; it was gold leafed (with about \$5.00 worth of gold), and certainly would present more of a problem removing the gold than it was worth. It is obviously not a fenceable item (I don't know of a black market for large, easily recognized weathervanes), is not really useful as a paperweight, and won't grow on the front lawn. In plain terms, it's not worth a damn unless it sits where it did for over a hundred years. It had been taken before October, 1975 — as a prank, or part of a fraternity hazing, but never so maliciously as last year, for it was literally ripped off the top of the tower with a rope by someone obviously too busy to climb high enough to appreciate it. It never came back, and no one has ever been arrested in connection with the theft.

A bit of the spirit that is WPI disappeared when the Arm and Hammer did; I doubt that it will ever return, for a thing like the weathervane that represents a multitude of generations of WPI graduates is more than a mere human creation. It is the representation of the human spirit. And I can't help shedding a tear when I pass the place that it used to be, for with it went a part of me.

Rory J. O'Connor

Where are the RAs?

While getting *Newspeak* ready for publication this weekend, it was necessary for me to use a facility of one of the dormitories on campus. Checking the posted duty roster, I sought the proper RA to assist me, since the RA had access to a key which I needed. When I knocked on the door, I received no answer. The same was true of all the other RA's in the building, including the head RA. My request was not vital; the disappearance of the RA's did nothing more than set me back 15 minutes or so. But I'm certainly glad I wasn't a resident in need of assistance in an emergency, because these words would probably never have been written.

Rory J. O'Connor

Letters: Condition of fields:

To the Editors:

Once upon a time there was an incoming freshman on a tour of a small but well off school. Near the end of his tour he asked his guide if he could see the athletic fields. The guide said he would be happy to show him and preceded towards the football field.

Once there the guide told the freshman that the football field is always under constant care. He said that new grass is planted in the bare spots each spring and that there are sprinklers under the field so it can be watered year round at the flip of a switch. He also said that people are not allowed to play on the field and that once he had been kicked off for playing touch football on it with his friends. The freshman gawked at the care of the field and said that they must have a very good football team if they pay so much attention to their field. The guide said nothing. The freshman then asked what the football team's record was in the last couple of years. The guide mumbled 4 wins and 11 losses and 1 tie.

Then the guide took the freshman to the baseball field. The freshman said that the infield was beautiful. The guide said that the baseball field is always under constant care. He said that new grass is planted in the bare spots each spring and that there are sprinklers under the field so it can be watered year round at the flip of a switch. He also said that people are not allowed to play on the infield and that he had been kicked off for playing softball on it with his

friends. The freshman gawked at the care of the field and said that they must have a very good baseball team if they pay so much attention to their field. The guide said nothing. The freshman then asked what the baseball team's record was in the last couple of years. The guide mumbled 4 wins and 23 losses.

Then the guide took the freshman to the soccer field. The freshman said that the soccer field is repulsive. The guide said that the soccer field is always under constant care. He said that new grass is planted in the bare spots each spring when there is left over seed from the football and baseball fields. He said that the field can be watered year round whenever it rains. He also said that people are allowed to play on the field whenever they want and that he had never been kicked off for playing on it with his friends. As a matter of fact they make a point of using it for gym and intramural softball. The freshman gawked at the care of the field and said that they must have a very poor soccer team if they pay so much attention to their field. The guide laughed. The freshman kicked a few large stones from in front of the goal and then asked what the soccer team's record was in the last couple of years. Once again the guide laughed and said 20 wins and 5 losses and 2 ties.

Dave Whittinghill

P.S. Have you ever seen the track after it rains? Any questions, call 756-5656.

Class of '77

To the Editors:

The Class of 1977 has booked Mitch Chakour for the November 3rd Dance Concert. Mitch Chakour and the Mission Band is a funky rock group whose music should be of interest to all. We need people to help work at the concert. Those interested should attend the class meeting or contact one of the officers.

Weekly class meetings are held on Wednesday afternoon at 4:30 in the wedge. Meetings are open to all.

There will be a discussion on possible future events. One suggestion is a small concert in Alden. Any people who are interested are urged to attend the meeting.

Sincerely,
Raymond A. Baker
Box 1529

IFC Corner: Zeta Psi

The Zeta Psi tours went very well these past weeks. We had many interested people coming down to meet everyone. For those who still have questions or just want to stop by to talk, our rooms are: Tina Tuttle - Riley 216; Kathy McKeon - Riley 219; Chris Soucy - Riley 212; Barb Murtagh - Riley 219; Darlene Oktavec - Fuller 7; Cathi Kiria - Stoddard C303; and Gail Nedbor - 150 West St.

The party last Friday at Higgins House began this month extremely well. There will be a Happy Hour on Thursday, October 7,

1976 at 8:30 p.m. There is Monday night football on Mondays. The games start at 9:00 p.m. Girls are invited down to Monday night football also.

Now the Brothers and Sisters are preparing for our dinner with our alumni on Homecoming weekend. We would like to say good luck to two of our Sisters who have been nominated for Homecoming Queen — Darlene Oktavec and Cathi Kiria.

Good Luck girls!
Barbara Murtagh
Secretary

Theta Chi

The '76-'77 year began on a good note for the brothers of Theta Chi. Those who attended our 120th National Convention in Florida last summer, brought back with them greater practical knowledge and enthusiasm which has inspired and strengthened the spirit of the brotherhood.

Our first two parties were big successes and our third is expected to be even better.

On October 15, the Chris Martin Band will be performing. This is Chris' Birthday and he's planning a super show. Our volleyball team consisting of Charlie Kuehnl, Ricardo Wever, Tony Nogales, Lenny Powell, John Vestri, and Mike Boulanger has been responsible for 5-0 record. We are looking forward to Homecoming weekend and a successful rush this fall.

Chris Boyd

SAE

by Tom Murray
and Jim Miller

Last week SAE held elections and a dozen new officers were sworn in. Among these were the new social co-chairmen Al Masse and Rick Schneider. Their first party last Saturday was a smashing success.

SAE is pleased to announce their nomination of Karen Chesney for homecoming queen. We're sure she'll fare well in the upcoming competition. We were glad to help Maple, Cedar, and Lincoln Halls (from B.J.C.) with their freshmen hell

week last week; everybody had a great time.

Thanks to the creation of an SAE B team this year, we now have well over half the house playing intra-mural volleyball. As of Friday A team is looking forward to the finals with a 5-0; and B team is doing well with a 3-1. Rush is well underway at SAE and we've been very pleased with the rush-function attendance so far. Rush chairman Rich Dziura invites all freshmen to come down and meet the brothers of SAE.

Newspeak

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Newspeak of Worcester Polytechnic Institute, formerly the *Tech News*, has been published weekly during the academic year, except during college vacations, since 1909. The editorial opinions expressed herein are the opinions of the person whose name appears at the end of the editorial, and are not necessarily those of the editorial board or WPI. Editorial and Business offices are located in room 01, Sanford Riley Hall, at WPI. Deadline for copy submission is noon of the Saturday preceding publication. Printing done by Ware River News, Inc., 4 Church St., Ware, Ma. Second class postage paid at Worcester, Ma. Subscription rate \$4.50 per school year; single copies 20 cents. Make all checks payable to WPI *Newspeak*.

Pub rules

In accordance with the recommendations of the President's Ad Hoc Committee on the "Status of the Pub" the following is called to the attention of the WPI community.

1. The Pub is legally a club open only to the WPI community (students, faculty, and staff) and their guests. According to law, occupancy of the Pub barroom and commons shall not exceed 350 persons. The management has the right to limit admission to club members only and/or limit the number of guests per member if crowd conditions so warrant.
2. No one under 18 years of age can be admitted while beer and/or wine is being served or consumed.
3. No alcoholic beverages may be brought into or taken out of the barroom and commons.
4. Exits shall not be blocked, and the management will keep open a lane from the interior areas to the exits.
5. Patrons must restrict their use of lavatory, telephone +, and other facilities to those existing below the first residential floor of Rilev Hall.

+ A public telephone is located near the main entrance on the first floor of Daniels Hall.

6. The Pub management is responsible for the legal operation of the Pub. It must, therefore, make and enforce decisions on the premises. Failure to comply with such decisions when requested to do so may result in expulsion, suspension of club membership rights, and/or legal actions against those failing to comply.

7. It should be kept in mind that failure to abide by the above guidelines could result in the closing of the Pub by the city of Worcester or the Institute. The cooperation of the entire WPI community, therefore, is requested.

Complaints about and suggestions concerning the regulations and operations of the Pub should be sent the Pub Board (box 2471) which consists of WPI students, faculty, and staff members and is distinct from the Pub management.

Guidelines for groups sponsoring events in the Pub will be published in forthcoming editions of the *Newspeak*.

H.C. Thompson, Chmn. of the Board
Goat's Head Pub

DHB election results

I would like to thank everyone who helped with the Dormitory Hearing Board Elections last Thursday. About 49 per cent of the students who live in the residence halls voted.

My sincere congratulations to the new members of the Dormitory Hearing Board. I look forward to working with you this year. You will be notified shortly about our first meeting.

The following is a list of the members of the DHB for 1976-77:

Dormitory	Name	Box	Room
Ellsworth-Fuller	Carl Gerstle	1753	E02
Morgan	Michael S. McDonald	1055	M220
Daniels	Brian D. Huntley	542	D326
Stoddard	Bruce Rutsch	1825	A305
Riley	Russell Ellis	1237	R103

The Resident Advisor on the Board is John Woodhull, Morgan second, Box 2236.
Cynthia Bouvier
Presiding Officer
Dormitory Hearing Board

WPI police blotter

On Wednesday September 22, 1976 Gordon Fuller called regarding that in the Central Mail Room someone pushed the outside chute aside and reached in and took about eight dollars from Barbara Hestler's desk — also her desk calendar.

On Wednesday September 22, 1976 at 7:00 p.m. a student reported that his 10 speed bike had been stolen while chained near the rear of Higgins Labs. Chain had been cut. It was later found out that it was stolen a little after 6:00 p.m. date.

On Sunday September 26, 1976 at 1:00 a.m. a call was received from Campus Police Officer Tom Brouillou of Holy Cross College regarding one of our students was

under arrest for a larceny at Holy Cross College and was now being transported to the Worcester PD for booking.

On Sunday September 26, 1976 at 2:45 a.m. Off. Supernor observed that some unknown person had attempted to force open the drawer on the game machine in the Wedge.

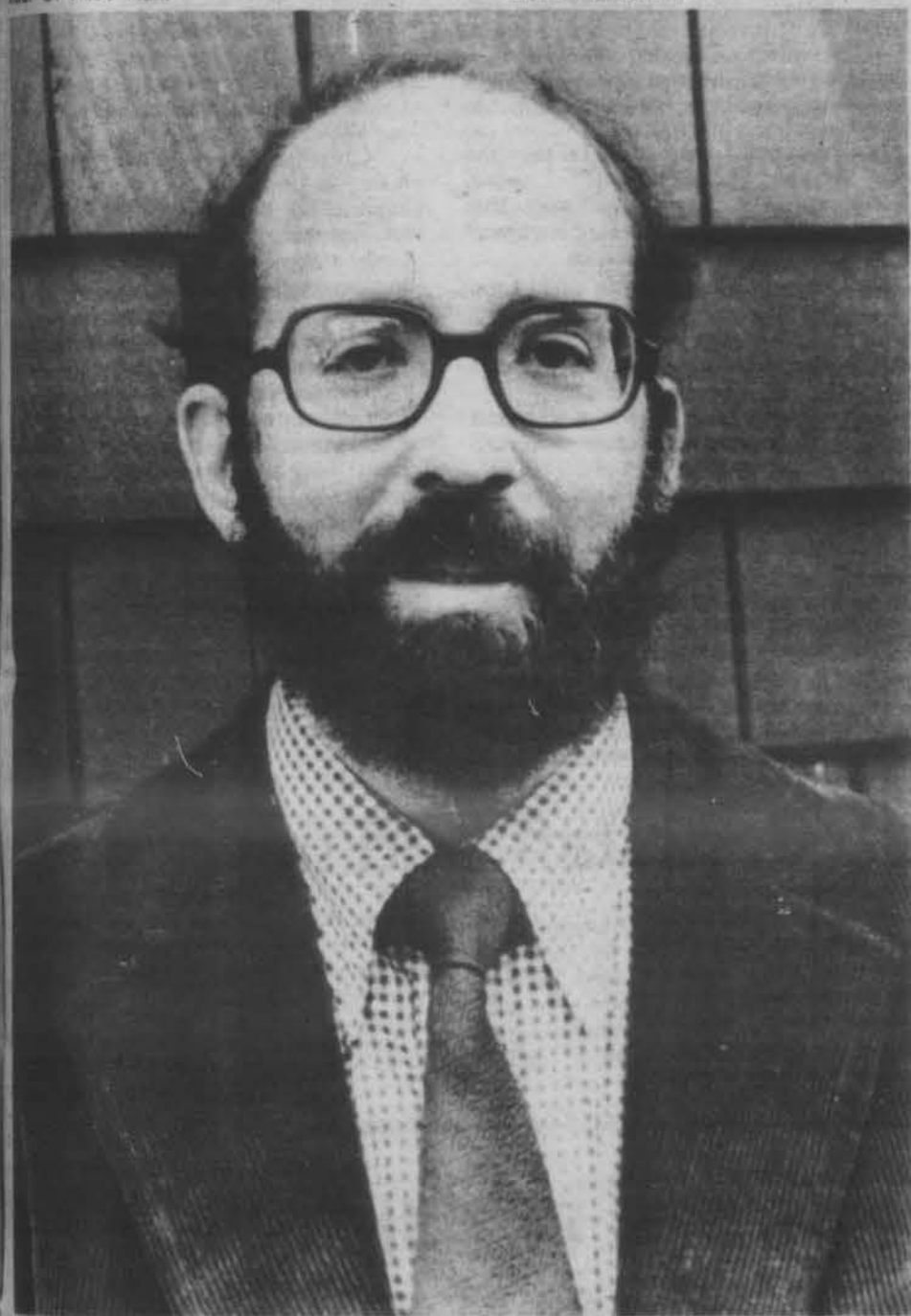
On Sunday September 26, 1976 Sigma Alpha Epsilon of Humboldt Ave. called regarding their frat house had had an attempted break — they had scared away the intruders but secured the Plate number Mass. E-96-288 — they had contacted the Worcester PD regarding this.

L & L finances

The following is a financial report for the last Lens & Lights movie: *French Connection Part II* (Sept. 26)

Income from ticket sales:		
7:00 show	113 persons at \$1	\$113.
9:30 show	65 persons at \$1	\$ 65.
Total Income:		\$178.
Expenses:		
Film rental from United Artists, \$150 vs. 50 per cent		\$150.
Hall rental		\$ 15.
Cartoons rental		\$ 20.
Return postage for movie and cartoons		\$ 4.45
Total Expenses:		\$189.45
Net Income:		\$ 11.45-

David B. Kinder
Film Coordinator
Lens & Lights



Rabbi Ronald Kranish

New Rabbi for WPI Hillel

The Hillel organization at Worcester Tech announced Thursday night at its first meeting that Rabbi Ronald Kranish has been appointed as the Rabbi to the Jewish groups at W.P.I. and Clark. Rabbi Kranish, a graduate of Brandeis University and the Hebrew Union College - Jewish Institute of Religion, comes to W.P.I. after spending the last three years in Cambridge studying towards his doctorate in education at Harvard.

Rabbi Kranish has recently moved to Worcester with his family. His wife, Amy, is the Associate Director of the Jewish Media Service in Wellesley. They have a daughter, Sari Freida (age 14 months).

Rabbi Kranish has already joined the United Ministries at W.P.I. The other

members of the Ministries are Reverend Hugh Huntley (Protestant-Baptists), Reverend Peter J. Scanlon (Roman Catholic) and Reverend Carl A. Brink (Protestant-Lutheran).

Rabbi Kranish may be reached at the Collegiate Religious Center (757-6097), at his study (755-0434), or at his home (754-7509).

In the meantime Philip A. Rosenfield, President of Hillel, announced that Hillel is now meeting weekly at the Religious Center. Anyone wishing to join Hillel, the Jewish organization on campus, is asked to call Phil at 853-1305 or drop a note to Phil in care of Hillel, P.O. Box 2613.

Feed a friend. Free.



Order a Whopper, fries and drink. Get another Whopper free.

Try a delicious Whopper. It's our big, 100% beef burger. Broiled, never fried, and served your way. With lettuce, tomatoes, onions, pickles, catsup and mayonnaise. Add an order of our crispy, tasty french fries. And a cool, refreshing drink. We'll serve you another Whopper. Free.

If you're hungry enough, treat yourself to a second Whopper. If not, treat a friend.

WP

Buy one Whopper, fries and drink get another Whopper free.

Bring in this coupon, buy a Whopper, fries and drink and get another Whopper free! But Hurry. Offer Expires Oct. 11. Limit one per customer. Good only at:

BURGER KING
382 Main St. Worcester, Mass.

Have it your way.

Void where prohibited by law.

BURGER KING
392 Main St.
Worcester, Mass.

ATTENTION STAMP COLLECTORS!

Any stamp collectors interested in starting a club on campus contact:
BOB PANCOTTI, Box 237
Leave your name and box number.

Lights! Camera! Acid!?

by Tom Daniels

The recent rededication of Salisbury Labs marked the beginning of a new era in higher education. The administration here at WPI, the very same group of pioneers who brought you "The Plan," has done it again. Their new, experimental format of teaching will, within a relatively short time, completely replace the old lecture method.

The unveiling of this new dimension took place last Monday morning during the regularly scheduled chemistry class. In choosing to try their new idea here first, the administration tackled a problem which has been haunting Tech professors since the first day of classes in 1868: How can anyone capture the attention of a college student at 8:00 a.m.?

As the class straggled into Kinnecut Hall that morning, few of us noticed the five young men who were conferring up by the TV control booth. One of them pointed up at some strange equipment hanging from the rafters, mentioning something about "blackouts" and "pans." After several minutes of this talk, the group broke up, with two heading into the booth, and the other three going over to a tall object that was shrouded with canvas. The room was almost full by now, and the 220 some odd Techies set back in their bright blue theater seats, waiting for the lecture to begin.

Suddenly, without warning, everyone found themselves sitting in the dark! My

friend Steve, the kind of a guy who likes to take charge of a situation, got up to survey the problem.

"Alright, who's got a match?" he asked, trying to grope his way over toward the fuse box.

Unfortunately, no one heard the question, because some kind of a fanfare had started to blast out through the loudspeakers! The music gradually rose in intensity, and one of the "little black boxes" dangling from the ceiling lit up with the word "APPLAUSE"! What could we do? Half of us were genuinely interested in finding out what was going on, and the other half just figured that they were still asleep, and that this was all some kind of a weird dream. We applauded enthusiastically.

After half a minute of a thunderous ovation, out came the prof, bedecked in a sporty blazer instead of his usual casual brown sweater. He proceeded to his desk to get the microphone and, as usual, had trouble untangling the cord. Then, instead of going on calmly, he became hopelessly entangled in the knotty mess, and went head over heels, crashing down on the stage! We almost fell out of our seats when he jumped back to his feet and, impersonating a well-known comedian, announced:

"Live, from Kinnecut Hall, it's MONDAY MORNING!!!!!!!!!!!!!!"

We beat the sign to the punch this time, letting out with an ovation unmatched in the annals of modern times. The prof had, of course, done what he had set out to do; he'd captured our full and undivided attention, thus proving the merit of the scheme! He didn't stop there, however, but rather continued to both amuse as well as instruct us with his new, show-biz like approach. We hung on to his every word, waiting for the next one-liner, the next impersonation. At the end of the "lecture," he walked off the "stage" to a standing ovation!

Afterwards, deciding that I had the chance to scoop the country on the story, I headed over the President Hazzard's office in search of the facts. When I arrived, I found him talking to an older man, someone that I knew I'd seen before. Feeling AP, UPI and even Playboy breathing down my neck, I decided to interrupt their conversation.

"Ah, sir, excuse me, but I'm from Newspeak, and I'd like to ask you about your new approach to conducting a lecture."

"Oh, certainly," replied the President, "but I think that the man who really ought to talk to is our new Vice President, Mr. Lear."

Lear! Norman Lear! I knew I'd seen the man before! "Vice-President?" I asked, wondering what the same man that produced "Mary Hartman, Mary Hartman" was doing on a college campus.

"In Charge of Programming" said Lear. "George, here, has asked me to take the entire "fall lineup" of classes and come up with a package good enough for Madison Ave."

Seeing that my eyes showed a bit glazed with wonderment, President Hazzard offered an explanation.

"When we set out to redesign our classes, to make them more interesting, we asked ourselves, 'What is it that kids these days pay attention to?' Television! Yes sir, ask any student on campus to spell Mississippi, and half of them couldn't do it, but ask them what Moe said in such and such an episode of "The Three Stooges", and he'll turn into an encyclopedial!

"Most people think Salisbury was renovated because it was falling apart at

the seams. Not so — Not so! The reason we spent all that money was to give us a place to try out our idea. That's why we put the padded blue seats and the TV cameras in Kinnecut Hall.

"When it came down to a person to direct the new program, we immediately thought of Mr. Lear, here. Nothing but the best for WPI!" he said, with a smile bigger than Jimmy Carter's.

In the next few days, more and more classes began to "go show biz." We got used to the punch lines and "APPLAUSE" lights quickly, and there were no longer any empty seats at the 8:00 a.m. chemistry class. Everything was turning up roses. George Hazzard even received an Oscar nomination for "Best President of a Situation Comedy Lecture", and WPI joined ABC, NBC and CBS as household names.

Unfortunately, though, not everyone survived unscathed. Yesterday morning, when I arrived at Salisbury for my chemistry class, I noticed a poster on the door of Kinnecut Hall:

Chem-1010 will not be seen today. Stay tuned next week for the debut of "Me and The Molecule" on WPI-TV.

"Cancelled! I don't believe it." I thought it had to be a joke, so I ran into the hall anyway, but it was true. There they were, tearing down the set and ripping up the cue cards! I cornered one of the cameramen, and began firing questions to him.

"Hold it, kid — cool it! You gotta get with it — ya know what I mean? You want this place to lose its good rep? 1010's out. It's them Neilson ratings — it dropped outta sight, so they had to give it the axel!"

I shuffled towards the door, asking myself if the school had created a monstrosity, and, like Dr. Frankenstein, had lost control of it. Today, CHEM-1010. Tomorrow — who knows? Would Howard Cosell replace Dean Van A? Would Boynton Hall be replaced by a soundstage? Would Harry Thompson end up hawking old books and records on the "Late, Late Show"?

The cameraman, noticing the dejected look on my face, called out some parting words that were meant to reassure me: "Cheer up, kid! That's show biz!!!!"

Gordon staff addition

Mr. Donald G. Richardson has joined the staff of the Gordon Library as Technical Reports Librarian. He graduated in 1974 from Colby College, where he was president of the Zeta Psi fraternity. He received his master's degree in library

science from Simmons College in January, 1976. He has worked previously in the Dodge Library at Northeastern University. We look forward to Mr. Richardson's assistance, and are confident that he will be a valuable addition to our staff.

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Duke & the Drivers

For the past few years a six man band of rock 'n' rollers has been playing music that brings to life the old Hank Ballard classic "I'm Young." They have set attendance records in every roadhouse, ballroom, club and auditorium in which they've worked throughout New England and have made rock 'n' roll an act of joyous participation once again. We refer, of course, to Duke and the Drivers, a Boston-based organization whose rhythm 'n' blues-derived sound is tighter than a drawn sling-shot and more dance-inducing than a World War II victory.

Back a dozen years or so in the picturesque Merrimack Valley of Massachusetts, an alienated teenager (are there any other kind?) named Sam DeLuxe picked up his first electric guitar and formed a band in the desperate hope of avoiding another summer working in his father's shoe factory.

As Sam DeLuxe and His Famous Shoes they gigged at church suppers, sock hops and half-way houses in and around Lowell, Lawrence and Haverhill, Massachusetts. Included in the group were rhythm guitarist Cadillac Jack; Rhinestone Mudflaps III; and keyboardist Mississippi Tom Swift. The Shoes, a band with sole, polished their act until the lure of higher education scattered them throughout the country. Sam headed

for McNeese State College in Lake Charles, La. where he studied Pharmacology but he soon tired of academic life and itched to get back into music.

One fateful night, while he half listened to a local band in a Lake Charles tap room, lightning struck. A 6'9" giant rumbled up to the stage and sat in for a song. Sam's ears perked up. The sizable gentleman was singing the daylights out of Johnny Taylor's "I Ain't Particular" and Sam had his first exposure to the Duke.

As it turned out The Duke's real name was Earl Dukes and he claimed to be the little brother of 7-foot tall Walter Dukes, of N.B.A. fame. Willing to accompany Sam back East, Duke agreed to teach the Shoes to tap southern style R&B. As good as his word, The Duke initiated the band into the musical worlds of Don Covay, Rufus Thomas, Johnny Taylor and Otis Redding. In keeping with their renewed music, the band took on a new moniker, Duke and the Drivers.

In a matter of months the band was ready for its initial engagement. But when they got to the hall... gadzooks... no Duke! Ever the professionals, the boys carried on admirably, but little did they know that this no-show on the Duke's part would establish a pattern that continues to this day.

As The Drivers' musical expertise grew, the good news spread throughout Boston and Cambridge. In early 1973 at the Western Front in Cambridge they started to attract city-wide notoriety. A four-song demo tape quickly became the most requested music on WBCN, Boston's leading progressive station.

Meanwhile their audience swelled from a cult to a crowd. Their rock got harder, their harmonies more inspired and their shows more ebullient. Remaining seated at a Drivers' appearance became impossible.

In 1975 ABC Records rewarded the Drivers' efforts with a recording contract

and their debut album, *Crusin'*, contained the hit "What You Got," its incendiary B-side, "Like I Want It," and stunning covers of such out-of-the-way r&b tunes as Little Beaver's "Joey," Don Covay's "Ain't Nothing a Young Girl Can Do for Me" and Johnny Williams "Slow Motion."

The Bicentennial year promises more major triumphs for Duke and the Drivers. A major cross country tour and their second album are only the start of the glorious changes these hardy rock and rollers will face as Duke and the Drivers move into passing gear.

Rocky flips bird

by Russ Smith

(CPS) — "I don't think it's dignified to give the finger to the Vice-President of the United States," snapped Nelson Rockefeller after he flipped the bird to 25 student hecklers in Binghamton, New York, last week. "I just responded in kind — it's the American way."

While this incident could have triggered a barb-filled series of encounters between students and candidates in past elections, this year it looks like there won't be any fights for Rocky, Grits and Fritz or Jerry Ford — students just don't care.

Campus activism hasn't exactly flourished in 1976. Most of the politicking is left to student hacks, the future ward leaders and state senators, who are laying roots for their own careers. The camaraderie and idealism of 1968 and 1972 is gone; there's not the unity that brought 40,000 youths together to work for George McGovern in the '72 New York primary. Jimmy Carter enlisted just 400 students for the same effort in '76.

The few youths that are involved in the national election this year keep lonely hours at student union campaign booths, occasionally hawking a bumpersticker or bending some patient passerby's ear.

According to pollster Peter Hart, it's an election year that will find less than half the country's registered voters traipsing to the polls, with an even lower percentage pegged for those under thirty.

"Students are campaigning for pragmatic reasons," explained Doug Miller, a senior at the University of Chicago. "They realize it's the only presidential election in their four college years, and they want to get the experience. On the whole, the University of Chicago is apolitical, anyone who gets involved in extra-curricular activities is in the minority here," he continued.

Despite the gloomy prospects of making inroads on the student vote, both Carter and Ford youth directors are at least making an effort to woo the reluctant voters.

"Across the board, people are for Carter — our enemy is apathy, not Gerald Ford," asserted Janet Oliver, of the Carter National Headquarters in Atlanta. "Young people want integrity and leadership, and they haven't seen it in their lifetime. They don't remember FDR and JFK."

Oliver, who is directing a campus voter registration blitz and canvassing operation, feels that young people are fed up with politics and will be hard to reach, despite

the fact that "Governor Carter has had a terrific response at colleges and everywhere else."

Carolyn Booth, National Youth Director for the Ford campaign, is more encouraged about getting the student vote to the polls. "There is tremendous support for Ford in the southern schools, and Wake Forest, Baylor and Notre Dame are particularly strong," she said. "The Republican college student who is registered is more likely to vote than other students."

But if there's support for either Ford or Carter at the college campuses, it's certainly not out in the open. When students do speak about the election, it's more likely to be a diatribe slashed with cynicism rather than admiration.

The *Michigan Daily* editorialized that Ford kicking off his campaign at a college campus (University of Michigan at Ann Arbor) "is something akin to Hitler making the first donation to the United Jewish Appeal." The editorial marked Ford as "an enemy of education" because of his anti-education record in Congress, and urged students to demonstrate at the President's arrival.

At the University of Texas at Austin, a school that Booth counted among those active for Ford, one student countered that the campus was politically dormant: "There's voter registration going on alright, but the race isn't too hot. There's little activity for Carter, less for Ford. People just don't care anymore."

"There's some political organization, but it's not like four years ago," remarked a graduate student at the University of Maryland, reiterating a common theme on campuses today. "Some are participating on a local level, the hardcore political addicts, but I haven't seen much movement around this place."

Even the workhorse Young Americans for Freedom are bypassing the presidential election this year. Disheartened that Ronald Reagan was nosed out in Kansas City, YAF members are concentrating on key Congressional races, where conservative candidates are facing stiff opposition.

What does it all add up to? A handful of hecklers, a score of placards and an occasional cherry bomb scare. And although some students turn out for campaign appearances, the most prevailing attitude towards the election is pretty well summed up by a University of Oklahoma student who said, "Yeah, I saw Carter. He says what everyone wants to hear — just like any politician would."

Proctor and Bergman

Philip Proctor and Peter Bergman are both Midwesterners by birth, Phil in Joliet, Indiana in 1940, and Pete in Baker Heights, Ohio in 1939. They began their public careers early in life: Peter appeared on his folks' early morning talk and interview show, "Breakfast with The Bergman," broadcast live from their dining room; and Philip was a child actor on "Uncle Danny Reads The Funnies" on WPIX-TV in New York City. The boys met as students at Yale University in 1958 when they collaborated on two successful musical comedy projects for the Yale Dramat, Phil as actor and Pete as lyricist.

PROCTOR & BERGMAN came together again in 1966 on the original Radio Free Oz show along with Philip Austin and David Geisman — and The Firesign Theatre was formed. For the next nine years, this group worked together, producing, writing and creating nine popular albums on Columbia records, two books of their collected works, two syndicated radio shows, two short films, and the script for the major movie "Zachariah" (the first rock western). The group also appeared in a classic put-on on the Les Crane television show and most recently on the David Suskind Show.

They toured the country twice, playing to enthusiastic audiences, including a 1970 appearance at Carnegie Hall. They have been often referred to as "the best satirists of our time." (CRAWDADDY, March 1975).

PROCTOR & BERGMAN stepped out on their own in 1973, touring a major stage production of their first Columbia album, "TV OR NOT TV." For the last three years they have continued to tour, both here and in Canada, and have attracted a growing audience of delighted fans to their numerous appearances in theatre, clubs, concert halls, television and radio. With the release of their second Columbia album, "WHAT THIS COUNTRY NEEDS," they emphasize their unique ability to create "local" live comedy wherever they appear.

Their most recent television appearances have been as co-hosts for Metromedia's *Panorama Show* in Washington, D. C. and on their own *Proctor-Bergman Show* for KVST-TV in Los Angeles.

They are presently at work on two screenplays, a syndicated radio series, several television projects and a new record for release in fall 1976.

A Mr. Coffee Machine was stolen from the Humanities Department Monday night, 27 September. This was left in the open to provide the faculty, staff, and students a decent cup of coffee for only ten cents. Now it is gone. We would all like it back — dammit.

We are asking that the person involved please return it. No questions will be asked. The building is open until 11:00 p.m. on weekdays. Please consider others. Thank you.



Sunday, October 10
Two Shows: 7:00 & 9:45
Alden Hall

Admission only \$1
A Lens & Lights presentation

HOMECOMING



Victoria Bloomfield 80
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Riley 3rd

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Sigma Alpha Epsilon



Cathy McDermott 80
Phi Gamma Delta

Lisa Moore 80
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Terry Murphy 77
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Homecoming Preliminary J

Savag
MaBell
Mr. and Paul
Garrison
Domusine

Tickets for Friday and Saturday will be 4 p.m. at the Daniels Hall Ticket.

Duke and the Proctor and Head of the

Judy Collins Student Faculty Others

Tickets may be purchased Friday 6:00 p.m. at \$2.50 for the night club. Tickets for Judy Collins may be purchased Saturday night \$7.00. Tickets will go on sale in the Secret 6:00 p.m.

Thanks to these advisors for do the Homecoming Queen C

Marvin Rond

sitting for Level b&

Hair Care Face

Precis Haircu Complimentary Me

Lori Stue

8 x portrait



Duke and the Drivers

COMING '76



Maryellen Doherty 79
Buildings and Grounds



Claudia Huehmer 80
Morgan 4th



Catherine Kirla 79
Tau Kappa Epsilon



Theresa Langevin 79
Stoddard C

Homecoming Queen and Judges

...vage
...Bell
...and Paul Tasse
...Garson
...on Guineau

...will be available from 1 p.m. to
...Tic

\$2.50

...llins
...sent
...sully
...ars
...day
...p.m. at Harrington Auditorium for
...ay night at the Security Office for
...p.m.

...donating prizes to
...Contest.

Richard Studios

1. b&w 5x7

Beauty Place

...cut &
...Make-up

Studio

...portrait



Darlene Oktavec 79
Zeta Psi



Marilyn Sanderson 77
Stoddard B



Sue Sinko 80
Phi Sigma Kappa

Homecoming photos by Jim Torrey and Ann-Marie Robinson



Proctor and Bergman

On Projects: U. Mass. Medical

by Craig Sherman

In June, the Max C. Fleischmann Foundation awarded WPI a two year grant to establish a Project Center at the University of Massachusetts Medical Center (UMMC). Professor Robert A. Peura of WPI was named principle investigator. The grant funds provide for the administration of the new Project Center.

The Project Center staff is compiling a file of projects suggested by UMMS staff. Projects already on file are suitable as MQP's, IQP's, PQP's, and graduate thesis topics for majors in life sciences, physics, chemistry, chemical engineering, mechanical engineering, mathematics, computer science, materials engineering and biomedical engineering. New projects are added to the files monthly based on interviews with UMMC staff.

Under Dr. Peura's supervision, two biomedical engineering graduate students are working as Project Center coordinators; Craig Sherman, at WPI, and Bill Penney, at UMMC. Initial inquiries about project activity at the Medical Center may

be directed to Craig Sherman, Salisbury 306, ext. 432.

Titles of a few representative projects presently on file are:

Chemistry and Chemical Engineering: Dynamics of phenol release in a physiological isotonic solution.

Life Sciences: Toxicology of high frequency current.

Biomedical Engineering: Preventive maintenance procedures for medical electronic devices.

Electrical Engineering: Development of a calibrated gain differential amplifier for micro-electrode work.

Mathematics and Computer Science: New techniques for electrocardiographic data reduction and diagnosis.

Physics: Detection of trace gas anesthesia in the O.R.

Mechanical Engineering and Materials Engineering: Determination of mechanical properties of surgical sutures.

Management Engineering: Study of work flow in the Biomedical Engineering Department at UMMC.

PROJECT OPPORTUNITY

A number of projects are available within the Life Sciences Department Research Group involving modification of Blue Green Bacteria. Biochemical, Microbiological, Environmental, and interactive specializations are available depending on preference.

Contact: Dr. Roy Widdus,
Dr. R.C. Cheatham,
Dr. T. C. Crusberg.

PROJECT OPPORTUNITY

Modelling of division behaviour in populations of cells for a group investigating aging at the biochemical and cellular level. Math or statistics background preferable.

Contact Dr. Roy Widdus, Life Sciences
Salisbury 330, X579, 543

Title IX

WPI has joined the ranks of those complying with Title IX of the Education Amendments of 1972. It has assured HEW that Personnel Director A. F. Tamasy is the WPI coordinator for compliance and the handling of any grievances. As WPI reviewed its education programs it has

found no discrimination because of sex. While we expect this equal treatment to prevail everywhere on campus, Mr. Tamasy's office will provide an avenue for bringing any problems to light for remedial action for all who work or study at WPI.

Environ Noise pollution

by Mark Kelsey

We are constantly bombarded in this day and age by many harmful sounds from different sources. The noise of appliances, power tools, and other conveniences fill our homes. We also hear noise from outside sources in the outdoors from machines and modes of transportation. All of these noises collectively form an unhealthy and harmful menace to our environment.

Specifically, the noise from aircraft is especially damaging if it isn't regulated. Currently, there is a noise problem near Logan Airport in Boston which the nearby communities still have to tolerate despite their pleadings and objections over the course of the present policies being taken by the Mass. Port Authority. This is just one unfortunate example of the problems of aircraft noise. Another example is the John F. Kennedy International Airport where people in an area of 23 square miles are startled and annoyed by 80 to 90 decibels of jet airplane screams. To top that off, there is the sudden occurrence of the sonic boom caused by the French Concord and the Russian Tu-144 supersonic jets.

Another set of pervasive noises are created by surface transportation. Automobiles, trucks and busses, and motorcycles scream along the highways with noise levels of 80, 100 and 120 decibels respectively. The noise levels of outboard motors and snowmobiles also range high at about 100 decibels. All of these modes of transportation are disturbing, especially since they scare off animals and scare off you just when you are trying to get away from it all.

The third set of aggravating noises are created by commercial products. Along this line would be air-compressors, air conditioners, power lawn mowers, and other power tools. Although the noise levels on these products are somewhat regulated, they aren't regulated enough in my opinion.

The fourth set of disruptive noises are caused by tools and appliances in the living room. Appliances create a lot of noise in the kitchen. Television sets, radios, and stereo systems create a large amount of noise in the living room. Power tools are probably the noisiest of all sources in the home. Thus, it is very difficult to escape noise since it is all around us.

The fifth set of downright destructive noises are caused by various sources in the work place. Construction and demolition workers are exposed to sound levels of 90 to 100 decibels. Factory workers endure a range of sounds starting from 95 decibels in a print shop to 118 decibels at boilerworks. Also, in forestry, the use of power saws exposes workers to as much as 125 decibels while farms have also become increasingly noisy because of extra machinery like tractors and harvesters. Clearly there should be some way to guard against this noise.

There are also other sources of noise like loud rock music at concerts and the always oppressing noise of my sister gabbing in my ear. The noise in the cafeteria is also somewhat loud and I wish that the other room would always be open during all meals.

There are many effects of noise on people and animals besides the obvious one. The obvious effect is a general decrease in hearing ability. However, damage can occur if the ear has been

hearing a certain frequency of intense sound waves. Thus, the damaged ear can become deaf to specific frequencies of sound. Today, noise deafness is a principal category of industrial injury. However, hobbies can cause deafness as well. Also, combat training can result in a significant hearing loss if safe guards aren't used against the noise of firearms. If enough hearing is lost, it may be enough to jeopardize the occupational potential of many unwary young people throughout our country and the world.

However, noise affects other parts of the body as well. For example, German and Italian medical researchers have found that even moderate noise causes small blood vessels to constrict. This has also been found to occur in sleep. An experiment conducted by Dr. Gerd Jansen of Essen, West Germany has shown that the sound of traffic at night, heard by sleeping individuals, can endanger their hearts and arteries. Also, noise causes the pupils of the eyes to dilate and the eyes, themselves, to constrict. However, the opposite of this constricting effect is found in the blood vessels of the brain. This dilation could be reason noises cause headaches.

Noises also affect the individual organs, themselves. The heart is threatened because (believe it or not!) the noise alters the rhythm of its beat. Also, noise forces the heart to work harder by thickening the blood while constricting the blood vessels. The stomach is also affected by noise since it increases its flow of acid. Also, our brain waves can be thrown out of their natural rhythm by noise.

At this point you may find this all hard to believe, but it's TRUE, noise affects our entire body. Also, it affects our emotions by making us fearful and very irritable, and it can interfere with our thought processes, daily activities, and sleep.

Noise can also affect structures such as houses and buildings. For example, the sonic boom smashes window glass, cracks plaster walls, and weakens old buildings.

Therefore, I must conclude that there must be protection against noise and regulations to abate noise. Voluntary methods of protection should be made available to everyone in the form of ear plugs and ear protectors that will significantly reduce noise levels. Industries and other places of work where noise levels are high (70 decibels or more) should make ear protectors mandatory just as eye protection is required for certain jobs. Also, in the construction industry, the building codes should be revised to require adequate sound proofing against excessive noise. Similarly, engines and machines should be designed different to promote low noise levels. Finally, additional research should be conducted to modify or eliminate the sonic boom in supersonic jets.

Also, regulations are desperately needed in many states to control noise in the work place and noise greatly affecting communities like aircraft noise. Finally, I believe that a Noise Abatement Act, similar to that passed in Britain and France, should be passed to allow any citizen to start legal action against a noisemaker. However, all noise would be eliminated if we could follow one motto: "Silence is Golden."

Sources:
Environmental Science and Technology, Volume 19, Number 12, pp. 102a-1030.
Pamphlet "Up to Our Ears in Noise" by Theodore Berland.

Cruel and unusual?

(CPS) — Bill Adkins had more than a little pain in his gulliver after he was the victim of a brutally unique disciplinary measure at his high school in Hume, Missouri.

Adkins and a cohort, Terry Weatherman, were nailed with the goods one day last week — cigarettes in their pockets.

Principal Kenneth Hightower offered the teenage rascallions a choice of punishment. Either two swift swats with a paddle or consumption of the evidence. The boys unwittingly chose the latter.

Later in the day, Adkins was sick and spitting up blood. Weatherman wasn't far behind.

Superintendent Charles Robert Allen conceded the punishment was harsh, but maintained it was necessary to deter the almost 100 students who smoke or chew tobacco on school grounds.

But Mrs. Adkins and Mrs. Weatherman aren't buying that line — both have threatened lawsuits against the administrators.

Get the great new taste in mocha, coconut, banana or strawberry.

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Kickers, 30 proof, ©1976, Kickers Ltd., Hartford, Conn.

Jazz comes to WPI

by Raymond Baker

Jazz is a music of emotion, spirit and individual artists attempting to communicate to the world the never-ending search of human expression. John Coltrane whose music is the major influence behind modern Jazz stated, "I think that music, being an expression of the human heart, or of the human being itself, does express just what is happening. I feel it expresses the whole thing — the whole of human experience at that particular time that it is being expressed." The WPI Community has the opportunity to attend a jazz experience when The Marion Brown Jazz Quartet plays in Alden Hall next Monday, October 11 at 8 p.m.

Saxophonist Marion Brown has performed and recorded with some of the leading exponents of Contemporary Jazz. His musical experiences include tours of European Jazz Festivals, concert-lectures, teaching, and the composition and performance of music for plays and films. He has recorded extensively both as leader and as sideman. He has taught at Bowdoin College, Brandeis University, Colby College, Amherst College and is presently finishing his masters at Wesleyan University. He has for the past year been studying the different origins and music of the bamboo flute. His Afro Roots Group has established a precedent by performing

music combining traditional American music with Negro life and drum music and Afro-American rhythms.

Marion Brown is a creative innovator who has explored a wide variety of collective improvisational settings. The music on Monday may contain the vibrant experience of traditional African music in its religious setting with mystical percussion and the spiritual feelings from bamboo flutes; or the music may be the rhythmic beat of American Jazz, with blaring saxophone and soaring piano; or the music may be from the stratospheric heights of the avant-garde where Marion Brown will pronounce his expressions in musical entities.

Many people may not be familiar with the sounds of progressive jazz. The music is demanding of an audience. The artist sets the mood with the music as the audience perceives the feelings. The listener must be patient and concentrate on the moods and modes of the music.

The WPI Spectrum Series presents The Marion Brown Jazz Quartet as its first musical event of the year. The Fine Arts Committee urges the WPI Community to attend this event of cosmic sound and Afro-American music.

The Marion Brown Quartet will play in Alden Hall next Monday night at 8 p.m.

Drawings on display

Rarely does the teacher join the student in completing class exercises. Twenty-six conte crayon drawings by Robert Cronin currently on view in the Higgins Education Wing of the Worcester Art Museum are the result of such an experience. Cronin became a participating student in his Drawing and Painting II class for two months last winter in the Museum School. He completed class assignments, drawing from live models in pre-determined time allotments of one minute, 15 minutes or one hour. The show will remain on view through October 29.

Conforming to basic principles of figure drawing, Cronin produced sensitive renderings in the academic tradition. Men and women are depicted without pretense, reclining, sitting, standing, and leaning against high stools. A male figure is caught in a warrior-like pose holding a long rod. For the most part each drawing is of a single nude figure, but several represent personal portraits of colleagues or students.

Cronin adhered to the tenets of his course: placement on the page; proportions of the figure; gesture; tonal pattern; coordination between the eye, mind and hand. The result is a beautiful exhibition both powerful and sensitive to the human form as an object of beauty.

Paintings to be cataloged

Richard Stuart Teitz, Director of the Worcester Art Museum, has announced the appointment of Jay E. Cantor, author and scholar in the field of American studies, as a Research Associate for the next year in the Curatorial Division to prepare a catalogue of the American Painting Collection. The project is initiated with a matching grant of \$7,500 from the Ford Foundation. It will be a companion volume to the recently published Catalogue of European Paintings edited by Louise Dresser, also made possible by a Ford Foundation grant.

The American collection of the Worcester Art Museum spans three centuries with significant examples in all periods and distinguished works by every major American artist of the 18th and 19th centuries. The new catalogue will make available the provenance and all other known information about each work, together with an illustration. Like the catalogue of European paintings, it will be an important and permanent contribution to international art scholarship.

Mr. Cantor is a 1964 graduate of Cornell University and received the master's degree

in 1966 from the University of Delaware under its joint program with Winterthur Museum in American art and culture. He has worked extensively for museums and other institutions carrying out research

The exhibition concludes with a large painting of a woman seated on a bed. Although not completed in class, Cronin cites the class exercises as the inspiration for the canvas.

A graduate of the Rhode Island School of Design, Cronin holds a master of fine arts degree from Cornell University. Since 1971 he has been an instructor in sculpture and life drawing at the School of the Worcester Art Museum.

Prior to coming to Worcester, he was on the faculties of Brown University, Bennington College, Michigan State University and St. John's University, Collegeville, Minnesota.

He is in the permanent collections of the Museum of Fine Arts, Boston; Boston Public Library, Worcester Art Museum, and numerous private collections. Cronin's work has been shown at the Institute of Contemporary Art, Boston; Zabriskie Gallery, New York; in Copely Square, Boston (outdoor sculpture); Bennington College; Glassboro State College; University of Connecticut, and the Philadelphia Art Alliance.

In 1975 he was the recipient of a study grant from the Massachusetts Foundation for the Arts and Humanities.

projects, mounting exhibitions, writing and lecturing on American art and culture. Since 1971 he has been an adjunct assistant professor of art at the C.W. Post Center, Long Island University. He resides in Woodstock, Connecticut.

His educational experience also includes a Chester Dale Fellowship at The Metropolitan Museum of Art in the department of American Painting and Sculpture; a Winterthur Fellowship grant; a Heritage Foundation Fellowship at Old Deerfield, Massachusetts; and a fellowship at Attingham Park Summer School, Shropshire, England, in "The Historic Houses of England."

In April 1976, Mr. Cantor spoke at the Worcester Art Museum on "American Architecture and the Republican Ideal, 1776-1826" as one of four experts at a symposium in conjunction with the Museum's second bicentennial exhibition. He has lectured widely at museums, universities, and specialized organizations such as the Society of Architectural Historians, Victorian Society of America, New York Cultural Center, and Pennsbury Manor, Pennsylvania.

Mr. Cantor's writings have been widely published in art periodicals and museum bulletins, and he is the author of several exhibition catalogues.

"The Iceman Cometh"

Just at the moment when many have been stripped of their national illusions — concerning the purity of government — Eugene O'Neill's conviction that people cannot live without personal illusions comes through with a fresh tang of irony.

As a drama for each and every decade, "The Iceman Cometh," which opened yesterday at selected theaters, stresses that human dignity depends on dreams, even deceptions. Perhaps this is an essentially American trait; many Europeans seem able to survive with fewer fantasies than we do.

Reeking with failure, the ungodgeable barflies in O'Neill's 1912 saloon still manage to shore up shards of self-respect with their own private myths. The foremen radical pretends to despise the Movement that disappointed him and claims that he's merely a detached observer of life — which isn't true. The bar's proprietor, who hasn't been outdoors for the 20 years since his wife dies, vows that one day he'll walk through his old neighborhood. We know he won't. The bartender who insists that he's not a pimp, just because he bosses prostitutes, and the women themselves, who say that they're only farts, not whores, the must anarchist who knows that life will be lovely after the Revolution, the boozehounds who are going to give up drinking, the unemployables who will surely recapture their lost jobs — all keep their rusty armor intact until they're manipulated by Hickey, the glob salesman who's determined to make them swallow the truth about themselves.

Nearly crazed by Hickey's challenge, they all fall apart. Some also turn against one another, suddenly pulling a gun or a knife or a broken bottle on the former companions of nickel whisky. Hickey's machinations even start the Beer War going again, between two furious wrecks who fought on opposite sides. Moreover, Hickey has the gift of making others suicidal. But finally, when the group learns that he purged himself of pipe dreams only by killing his wife, most return gratefully to illusions that kept them going.

As Hickey, Lee Marvin has the salesman's slick authority, the talent for hustling his way across people's spiritual doorsills and invading their privacy. And we can believe in his ability to force their moods to change. As he lectures them about reality, Marvin achieves a maddening moral presence — both jovial and righteous at once. Later, he's powerful in the rage of self hatred, also when he relives the decision to commit murder.

As one character says, Hickey has "the fixed idea of the insane," and Marvin does convey that. However, his Hickey seems deliberately charmless — although the play demands a maniac spellcaster. Marvin's performance is just too rationally earth-bound for a part that needs the touch of a magician.

Frederic March as the saloonkeeper has a fine, befuddled childlike air. Moses Gunn is superb as a ravaged black rebel, and George Voskovic and Martyn Green fight splendidly together as the old warriors who share the rotgut. There's a moving glimpse of the late Robert Ryan as the exhausted ironist who waits for death; the stern pity he levels at others is tempered with an occasional youthful smile. And Tom Pedi, the pimping bartender, is deft at miming exaggerated patience.

Jeff Bridges, the child of the Movement who delivered his revolutionary mother to the cops, begins well but eventually overplays. So do Evans Evans (the key street walker), Bradford Dillman as the shattered law school graduate, and several of the others. Those who overact may have been directed to do so because the play has one lumpy problem; how do you convey drunkenness and fatigue without losing vitality? It can be done, as we've seen on other occasions, but the question tempts some performers to gnaw the scenery.

Infinite care and thought and respect have poured into this production. But the play doesn't flourish in film form for one reason: even the simplest camerawork breaks the continuity. We're supposed to see these people as one huddled mass, irrisoned together in the room they rarely leave, perpetually affected by one another's words or presence. Inevitably, closeups destroy that.

We especially lose the impact of the ensemble during Hickey's last monologue. So we're denied the crowd's fall recoil when he confesses to the killing, their collective efforts not to hear him, their final relief in deciding that it's he who's crazy, not themselves. Admittedly, drunks don't make the world's best listeners. But here, the camera isolates them from the flow that O'Neill designed.

So this isn't the "Iceman" of your lifetime. And there will be many who can't help recalling Jason Robards as Hickey; Robards is often regarded as the exclusive owner of that role. But the play is an inescapably great experience, and that fact isn't muffled by this film.

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SPORTS

Football team disjoins Union

by Bake

The 1976 version of the WPI football team showed a bit of its muscle as they pounded out six touchdowns for a 39-21 victory over Union College (Schenectady N.Y.). Again one has to harp back on the team effort concept as being the important factor in this win. The offense was obviously in tune but defensive line coach Phil Grebinar's crew, with the entire defense, put in a top performance. Though missing four year letterman Jeff Burek for the game people like Rick McNamara, Mike O'Hara and freshman Jeff Rosen more than took up the slack. Rosen hauled down two interceptions himself with another being called back for a penalty. This improving defensive unit was particularly rough on the Union passing game, allowing only eight completions in 26 attempts.

But this was a day for the offense to crow. Excellent efforts by the front line enabled the running game to excel and the passing attack to positively shine. Though it seems quarterbacks are always receiving the accolades no one deserved them more than the duo of John Pappas and Art Hughes. The statistics will tell you that Hughes was 7-12 for 174 yards; Pappas 5-9 for 122 yards. But the statistics won't tell you how Hughes coolly led drive after drive then in the third period scrambled around for a 24 yard gain which ended in a touchdown...and an ankle injury. As they shuffled Artie off to the hospital for x-rays, into the game came senior co-captain John Pappas. John showed his stuff by flipping three touchdown passes, burying the home team for good. Brian McCarthy hauled down one of those touchdown passes. Mike Walker, despite his usual blanket of defenders, grabbed one himself. But ironman tight end Marty Paglione was almost able to beat Union himself with three touchdown receptions and three PAT's for 21 points. Marty scooped up seven passes on the day amassing 145 yards.

The game was far from a romp from the outset as neither team could score in the first quarter WPI came out gunning in the second period and was able to connect on a couple of sorting drives. But a letdown enabled Union to score in the same period. Their ensuing kickoff was mishandled on our own 13 yard line and pounced on by the home team. They brought the ball in for a touchdown. Suddenly there was a tie score, a fired up Union team and fortunately the end of the half. The Engineers got heated up at intermission, proved that they were in no way going to allow things to continue to progress along the same vein. The third quarter was all ours, clicking for two touchdowns and stymying Union's attack. Hughes injury in this period psyched up the defense even more, and

allowed the offense to be guided by the more than able hands of John Pappas. Two more touchdowns in the final period sealed the coffin on Union.

Though the passing game put the numbers on the scoreboard, it was another strong running performance which set it up. Al Simakauskas led the ground gainers by banging his way for 59 yards in 14 carries. Tim Scavone and John Carbone, filling in beautifully for the injured Mike Robinson, both ran well all day.

The game was a very rewarding win against a good but not particularly strong Union club. The tough game comes this weekend when the Bowdoin Bears invade the Tech turf for the homecoming game. Mistakes weren't crucial in the Union game but elimination of the two fumbles, two interceptions, and five penalties incurred by WPI is important if they want to up their record to 3-1 come Saturday. Hughes (probable sprain...possible fracture) and Mike Robinson (knee injury, torn ligaments) won't be ready for action but assuredly the rest of the team will. This team seems always able to bounce back from any setbacks. Two come from behind wins in a row help attest to that. A big crowd for homecoming, a tough game, and a super-psyched WPI football team are just the ingredients needed to shoot down the Bears for win number three in a row.

Grid Garnishings: A few highlights (or lowlights) of the Union game.

Mike (The Spike) Walker decided to test out the new NCAA rule which allows dunking. After his touchdown reception he made a beautiful overhand slam to the turf. A nearby fan in a striped shirt applauded Mike's efforts by tossing his yellow handkerchief at him. Coach Massucco was not quite as pleased!

Al (Whoops) Barry after knocking down a pass decided that these guys on the field that weren't playing for either team (the ones with the whistles) were not necessary so Al continued his momentum into one of these gents, knocking him a few hundred yards. When asked if it was entirely accidental a smile appeared on his face which he still has on his face today.

Brian (Double Talk) Rosen was scrutinized by his fellow defensive backs for some skeptical plays. Though hauling down two beautiful interceptions after one he tried to run into his own end zone for a safety and after the other couldn't hold on to the ball (so he says). The rest of the defensive team will tackle him themselves on subsequent interceptions.

Finally Art (Yeooooowww) Hughes had everyone looking for his foot which they were sure he had his body removed from as his screams resounded after his ankle was crushed by a Union defender.



Leo Kaabi dribbles through MIT defenders.

Photos by John Moulton.

Editors' Corner

Despite the clamor over football team being 2-1 and the soccer team moving at 2-2-1, has anyone noticed the best record being turned in by WPI's most successful fall sport, cross-country? As of this writing, the Harriers are coasting along at 5-1 and only wins can be seen in the near future. Coach Allen Hoffman deserves many plaudits for his untiring efforts for a sport that is not in the limelight during the fall season. Captains Peter Kane and Steve Sweeney constantly out-distance and out-time lesser performers, a feat that is remarkable. Cross country being the grueling competition that it is, most people would be happy just to finish 2.6 miles, never mind crossing the finish line with the times these runners do. Good luck in the future!

The soccer team dropped one to Tufts Saturday, lowering their record to two wins, two losses, and one tie to MIT. How many seasons has it been that the super WPI soccer team has won only two of its

first five games. Sure playing Babson is a feat for anyone, but losing to Tufts is something Coach King is not used to, nor should he be. The Booters have the support of the whole school, so how about going out there and put it in the net.

And now for our heroes, the "gridiron greats" of WPI. Traveling all the way to Schenectady is tiring in itself, then going out and drub a Union eleven 39-21 is certainly noteworthy.

The editors, however, have a beef. The *Telegram* and *Gazette* are the first ones to seem, to put down this club. Al White-marsch writes "the only thing certain about this club, is that they will show up every week." Well, Al, take these 39 points and stick them in your typewriter (and elsewhere). This club is for real...with Bowdoin's loss of 42-7 to Amherst, it looks as if homecoming will be a Saturday to remember. Come on Massucco, get them out there and destroy the Polar Bears!

Sports Briefs

Intramural volleyball is in its third week and there have been relatively few surprises. The only games worth viewing concern games between freshman teams or between second and third fraternity teams. In these games the caliber of play is so low that even the close scores can't incite any fan enthusiasm. The top teams like KAP, Phi Sig, SAE, and ATO just to name a few are all undefeated. But as the weeks wind down, competition gets better, and some fine games can be expected to be seen in the weeks ahead.

Some sports shorts to note: Tina Tuttle says the crew team will have a tough race Sunday at the head of the Connecticut River, the J.V. soccer team won its season's debut 5-0 over Worcester Academy. The swim team starts practice

October 15. The wrestling team has had an unofficial practice going on for a couple of weeks. Congratulations to Mike Bowdoin and Tom Pajonas for being selected wrestling captains. For all those baseball players that take the game seriously, it's too bad they ended up here. No matter how much the players beef about nothing to do from September to March, nothing is done about it. Their sub-500 record might have something to do with that. Too bad WPI couldn't be like all the other schools and have at least some form of practice in the off season. Speaking of baseball, it has been revealed to this writer that Fred Sowa, star of WPI's '74 J.V. baseball team, is not really Fred Sowa at all. His real name is Gus and Fred was just a nickname given to him that seemed to catch on.



Halfback John Pavlos carries ball upfield.

WPI trackmen win again

If you're ever walking around on campus and you happen to see about twenty guys in track suits running towards you at full blast, please get out of the way. You see, those guys are probably cross country runners in the middle of a five mile race, and if you don't get out of the way, you'll be sorry. Three sore techies found that out last Tuesday when they wouldn't yield to John Turpin as he and Pete Kane led the tumultuous horde down Inetute in the race against Wesleyan. WPI won the meet easily by a score of 18 to 48, paced by the fine running of freshman John Turpin and Pete Kane (tied for first), Frank Leahy 4th, Big John Heslin 5th, Norm Guillemette 6th, John Osowski 7th, Steve Sweeney 8th and Ed Szkutak 9th. Also running were Fred

Marotta, Tom Horgan, Jim Drumm, Dennis Legnard, Eric Thompson, Vince Wolff, Jerry Sands and Fred Fisher. This victory brought the team's record to five wins and one loss.

The cool dismal weather matched the team's mood after the Lowell-Nichols meet Saturday. Lowell won the meet by grabbing five of the first seven places for a score of 17 points. WPI was second with 38 points and Nichols followed with 85. Placing for WPI in that meet were Pete Kane 5th, John Turpin 6th, Norm Guillemette 8th, John Osowski 9th and Steve Sweeney 10th.

The next home meet will be Saturday at noon against Bates.

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