

Newspeak

The student newspaper of Worcester Polytechnic Institute

Volume 4, Number 20

Tuesday, November 16, 1976

Election is upcoming

Social committee

In 1975 the student body voted to elect the student social chairman during B term instead of D term, which had been done previously. The major reasons behind this change were that it made for an easier transition from one social chairman to another, as well as making it possible for the new social chairman to attend the National Convention of the National Entertainment Conference where much training, planning and booking takes place for the following terms.

For the class of 1980 who do not know the history of the student social fee, I would like to give them some background as well as some idea of what to look for in the next social chairman-woman. For it is now that you should examine and question what kind of student leader you want to be responsible for \$60,000 of your money which is used in planning a total social program for the college.

When the social fee was voted by the student body about nine years ago (presently \$30.00-year) it was because of a combination of things. There was not enough funds for the students to sponsor their Junior Prom Weekend; there were few if any films, and hardly any small concerts for the coffeehouse; and finally, the Peddler was running a deficit and unless funding was provided, the yearbook would cease.

From that period of time to the present the social fee has broadened to include all kinds of programs for all kinds of music tastes. Films, both foreign and American, big weekend concerts, a fine arts program, and many isolated events for both the WPI and the Worcester community.

If students are to understand the social program at WPI, he-she must realize that the direction in which the funds are spent depends a great deal on the particular individual or individuals who are elected to the social chairman position.

Remember as you look at these programs that they are being offered for all the students at WPI with all those different music tastes to please. Whether or not you take advantage of these programs is then your choice.

1976 Social Committee Programs

Freshman Orientation — Jade & Sarsparilla & Trent Arterberry

Funding of Lens & Light Movies (\$2000.00)

Funding of Lens & Light Equipment (\$2000.00)

Disco Nights in the Pub
Spectrum Fine Arts Program
Cinematheque Film Series
Wood Dancer Band

Homecoming

Proctor & Bergman
Duke & the Drivers
Judy Collins

Ina May Wool Band
Pat's People
Kirk Edwards
Gene Merola
Dave Mason Concert

Besides the planning or selecting of these programs there are many other areas of responsibility that the social chairman must assume. I'd like to just mention some of what is involved during a big concert weekend.

Contracts must be reviewed for all concerts so that the social chairman may

[continued on page 3]

Some changes made

Registration

by John Walsh

As many of you may have noticed there have been some changes in the registration procedure this year. In the past course cards have been placed in student mailboxes, this year however students had to go to Salisbury to get their cards. Professor Long, the Registrar, explained that the reason for this is to allow his office to find out sooner which students are not returning for the term.

Another change this year is that advisors were to sign white course cards. This was to allow advisors to know of changes immediately instead of having to wait for a computer printout which took five weeks last term. There were problems with this

however. Many people did not know about this change; in fact it was only announced to the faculty on October 21, less than two weeks before enrollment. This verbal recommendation at a faculty meeting was the only notification that was made, therefore faculty members who were unable to attend the meeting, and the entire student body were unaware of this change.

The reason that the course change period was cut from five days to three was that experience has shown that changes on the last two days are few, and students who join classes have by then missed one-seventh of the course and may be very far behind the rest of the class.



Change for the better?

Photo by Rory O'Connor

Social Committee reorganizes

Pub stereo discussed

by Craig Vickery

A student government meeting was held last Wednesday in the Wedge at 6:00 p.m. The big issue was how to replace the two thousand dollar stereo equipment recently stolen from the Pub. The Social Committee chairman, Bill Cunningham, said that money was not a factor, as there was enough money in the budget to cover the cost. A committee consisting of Bill Cunningham, chairman pro-tem, Tony Weiner, Mark Lewis, Marian Pinigus, Bill Potter, and Chris Morosas was appointed to look into possibilities for a new system and to investigate what happened to the alarm system for the old one.

A recommendation was made for a procedure to be worked out for Social Committee spending. This procedure would probably involve clearing expenditures with several school administrators before the money could be withdrawn. This would help prevent such fiascos as the "Great Pub stereo sneak of 1975."

Student body president, John Nyquist, mentioned the upcoming Social Committee elections and reminded that petitions are due Dec. 2. He also brought up a suggestion by Dean Brown that Social Committee chairman become an appointed position. The various points of this idea were discussed and alternatives recommended. Under the present system the Social Committee chairman is replaced each year, usually by an inexperienced person who must learn the job as he-she goes along. As an appointed position the Social Committee chairman could be

chosen for his-her qualifications, rather than campaigning ability. Also recommended by various members of the student government was a screening process and a pre-training process. Using the screening system the candidates would be judged for their qualifications before the election, and only those who are qualified would be allowed to run. The pre-training process would attack the problem from the other end by qualifying the candidates before the election. Any change to the current system involves a constitutional change which must be ratified by a two-thirds majority in an open referendum.

The Rev. Hubert Huntley of the First Baptist Church (next to W.P.I.) also attended the meeting. He urged that the students of W.P.I. fast on the Thursday before Thanksgiving for a World Harvest. He suggested that the money normally spent in a day for food (about three dollars) be donated instead to OXFAM to feed starving people around the world. Students on the meal plan could be included in this through some arrangement with DAKA, although it is not yet known if such an arrangement can be made. Watch the bulletin boards for more information.

When questioned about the lack of publicity for the past four student government meetings S.G. president Nyquist said it was due to negligence on his part and took full responsibility. The student government does not currently have a secretary who normally takes care of such matters. Nyquist promised that all future meetings would be publicized in this paper.

From our British correspondent

Apathy, English style

by Jeff Sleeman

By now I expect that you'll all be reeling from the aftermath of the thrilling and nerve-shattering ordeal of the presidential election, which no doubt had Americans from coast to coast sitting on the edge of their sofas with excitement.

To us rain-soaked primitive English-types watching from a safe distance of 3000 miles, our eyes glued to the B.B.C. news, the spectacle of American politics in action is all too mind-boggling. The continuing saga of primaries, conventions and the seemingly endless speeches, counter speeches, mud-slinging and banner-waving which accompany the run up to the presidential election rapidly become too much for our water-logged little brains, so we abandon the hope of trying to follow the tortuous path of American politics and leave it to you, in the hope that you know what you're doing (you do, don't you?).

Compared to our subdued little election charades which we proudly boast as part of the finest political system in the world, your political parties seem to try to create as much of a frenzied atmosphere as that at a world series ball game with, by the look of it, about as much success as a cricket match at Fenway Park on a wet afternoon. How you can bear over nine months of electioneering, I don't know. Just listening to the Prime Minister on television for ten minutes sends me into a gibbering heap in the corner.

Having had the benefit (?) of the gruelling ordeal of Prof. Zeugner's HI1121 class last year, I should perhaps be slightly better clued-up on the ins and outs of the American political system than the average Limey in the street. But despite being a leading light on such matters as the Dred

Scott Decision, the Louisiana Purchase and the Missouri Compromise in the village of Abridge (population approximately three) I still can't claim to understand even half of your complicated set-up.

We, of course have a much simpler system, called Government by Apathy, which works on the principle that if nobody objects to it, then it must be right. A visit to the Strangers' Gallery in the House of Commons would provide you with a first class example of this process in action, where, if you were lucky, you might see anything up to two M.P.s engaged in a heated discussion on the nation's economy (unless the debate was on something vital like increasing M.P.'s pay or the price of tea in the Commons canteen, when the whole 500-odd would probably be crammed in). Our upper house, The House of Lords is an even more dynamic affair but they won't let the public in there, in case they wake them up.

Not that I'm under the illusion that your government is perfect. In fact I was particularly struck (probably will be after this article) during my wanderings round the corridors of power last year, by the sight of a large senator solemnly addressing a packed audience of empty padded chairs in the Senate, while the speaker in the other chamber might as well have been talking to a brick wall for all the attention he was getting.

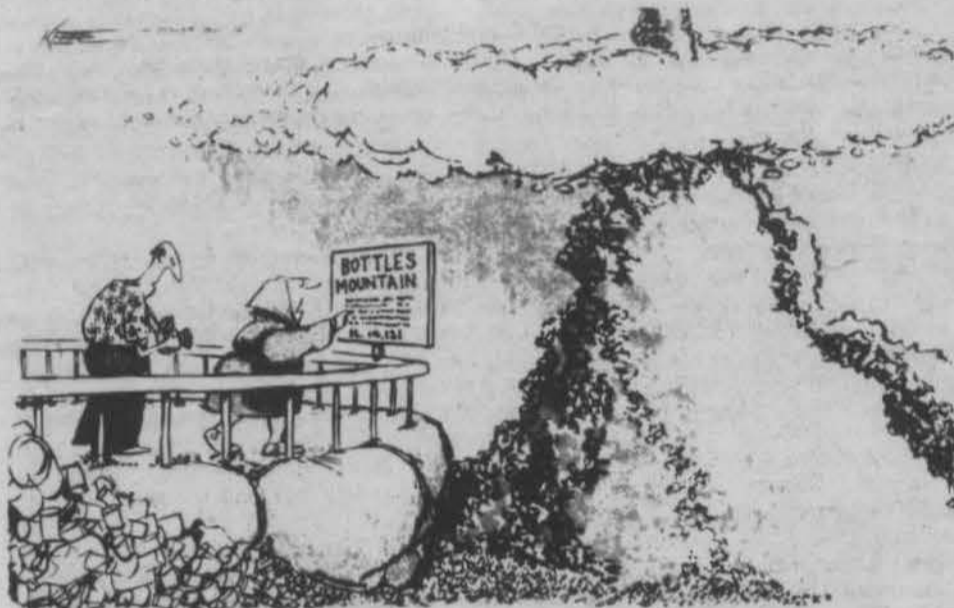
I suppose there's not really much to choose between our two systems; politics is one of those things where, like streaking, you have to grin and bear it. It's just at this moment in time, you have one big advantage over us — you don't have to go through it all again for another four years.

Editorials: A chance thrown away

The Question on Question No. 6 — why didn't it pass? It's probably obvious to all of you who read the papers at all before the election that the bottling industry was pouring big money into a "stop the bottle bill" campaign. The poor forces of us, the consumers, could not hope to outspend the corporations. It is sad to think that after the awareness of the late sixties, we can still be fooled and bought up by the likes of money and profit-hungry businessmen. But, so it goes — we, the little people who make up this great country are stepped upon by those who can afford to continue a life of convenience and waste. I've tripped over so many bottles on the way to my office that I'm beginning to feel like a stereotypical Gerry Ford, and there seems to be no end. At least, not until we wake up again.

The convenience container may not be outlawed but we certainly can take steps to throw our beer bottles in the trash. Which does not include the street. Yet.

Rory J. O'Connor
AJG TAD



"IT BEGAN AS AN EMPTY SIX PACK AND A NO-DEPOSIT-NO-RETURN CONTAINER!"

Staff opinion: More on CBs

by John Walsh

This editorial is to answer the letter printed last week by Ronald Fish. Mr. Fish's letter suggested an editorial explaining why the Federal Communications Commission is increasing the number of Citizen's Band Radio channels from twenty-three to forty.

The reason for this is to decrease congestion on the CB channels. The FCC is also decreasing the maximum legal power output from four watts to two and one half watts which should cut down on splash problems, where other equipment picks up nearby CB broadcasts.

Mr. Fish also complains that CB'ers misuse their radios by using illegal frequencies and exceeding the maximum legal power output. To do this would require a major overhaul of the radio which most people would be unable to perform and I have never heard of this happening in the time that I have owned a CB. In general, CB operators are a pretty decent group of people.

Newspeak

The student newspaper of Worcester Polytechnic Institute
Box 2472, WPI, Worcester, Massachusetts 01609
Phone (617) 753-1411 extension 454

graphics co-editors
Arthur Girard
Susan Wright
752-9809

editor-in-chief
Rory J. O'Connor
753-1411, ext. 464

acting photo editor
Ann-Marie Robinsor
756-0249

Acting news-features editor
Steven B. Fine

photography staff
Greg Dunnells
Mark Hecker
Paul Lagace
John Moulton
Lewis Pettengill
Richard Preliasco
Jim Torrey

news-features editor
Toby Gouker
757-1767

business manager
Fred Sowa
752-9371

Associate Editor
Tom Daniels
853-5556

Sports Co-Editors
Rick Wheeler
756-4970
Gary Sowyrda
752-9371

circulation
Peter Wong
752-9371

Assistant sports editor
Steve Lefemine

writers this week
Bake
Dean Bernard H. Brown
Paul Cleary
Coke

faculty advisors
Paul Cleary
753-1411 x-547
Prof. Patrick Dunn
753-1411 x-584

advertising manager
Brian Belliveau
752-9371

Bill Cunningham
Mark Kelsey
Ken Mandile
Jeff Sleeman
Craig Vickery
Mike Wagner
John Walsh

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.

Letters: Who pays for PIRG?

To the Editor:

Interesting, isn't it? Mass PIRG, that is. For those of you who are unaware, over one and a half years ago, there was a concerted effort by the Mass PIRG state organization to get over 50 per cent of the then student body to sign a petition to allow them to establish themselves on this campus and giving them extraordinary and unprecedented privileges for a private, politically oriented (by their own admission), special interest group. Apparently, they did succeed in their petition drive, after two defeats at the ballot box, as evidenced by Pres. Hazzard's acceptance of Mass PIRG. Their sudden appearance after this period of apparent dormancy and indeed the lack of any earlier notice on their part that they had even succeeded in their petition drive is hopefully not any indication of their interest in their involvement on this campus, especially when we will be pouring anywhere from \$5400 to \$9060 (by their figures) into their state organization's coffers.

Also, did you know that this is "the only organization where you (the student) has a choice"? That's right, according to Mass

PIRG there is no other organization at WPI where you have a choice of joining or not joining. I hardly think so. Actually, if one looks at it outside Mass PIRG's own self-centered perspective, it is more like the exact opposite. For instance, you are told that you are not forced or coerced into joining PIRG and all YOU have to do is to deduct \$2.00 from your tuition bill EACH time you receive it if you do not wish to become a member of Mass PIRG. How many students actually receive their tuition bill and pay it themselves and how many instead are sent to parents or scholarship associations for payment? More than most fall into the latter category. Those who are unaware or do not make any effort for various reasons to inform the people who pay their bills, in other words, those who default on any option of joining Mass PIRG in reality have no option, but are members of Mass PIRG and they are financial supporters of this organization. The original complaints about the funding mechanisms of Mass PIRG are not alleviated by this plan. Could Mass PIRG attract over 50 percent student support here or anywhere

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IFC Corner: Theta Chi

The term A rush paid off with great success as 24 students pledged our house. They are: Garry Crane, Irvin Halman, David Bujacius, Paul Diotalevi, Jim Drumm, Dave Grey, Scott Harvey, John Healy, Joe Horvath, Art Huggard, Harold Jacobs, Tod McNamara, Ted Nevius, Steve Puchkoff, Mike Ramadei, John Robertson, Norm Robinson, Del Rogers, Gary Sawicki, Angelo Scangas, Gregg Spector, Jim Torrey, Edson White and Bob Woodard. We know that these men will be a tremendous asset to the brotherhood.

Our "Daughters of the Crossed Swords"

program has also been progressing well. Operating their own rush program, the Daughters recently pledged 10 girls: Lisa Moore and Jenny Markefki from WPI; Cindy Tactio and Terry Trotter from Anna Maria; and Janice Emanuelson, Carol Kinner, Maribeth Savage, Helen Goldberg, Lucy Larson and Mary Tarplee from Becker.

On Friday, December 10th, we will be having our only party of the term. This promises to be as good as, if not better than, our term A parties. The brotherhood hopes to see you then.

Phi Kappa Theta

Once again, the KAP has established itself as one of the outstanding motivating forces at the 'tute. This year, as in past years, in keeping with the highest standards of selectmanship, the KAP was able to muster up 39 pledges of the highest calibre. An all out effort by the house, plus an outstanding organizational rush campaign by Steve Lefemine, has once again exemplified the impact the KAP has upon WPI. Congratulations to this year's pledge class: Mark Basile, Earle Blatchford, Ken Brown, Dave Buckley, Ray Cronin, Frank

Debonis, Duane Delfosse, Perry Esposito, Dick Forand, Jim Getches, Bob Guarasi, Tom Horgan, Jeff Ironfield, Brian Johanson, Gary Kacinkas, Dennis Kelly, Ron Lesnikoski, Dave Lesser, Serge Molonary, Tony Massullo, Tom McBride, Phil McKenna, John O'Horo, Mike Robinson, Jeff Rosen, Mike Slattery, Keith Sylvestre, Ed Szkutak, Louie Travaglione, John Turpin, Dave Wilson, Bob Yule, Dave Clarke, Phil Miles, Steve Tourigny, Jim Griffin, Mike Lombardi, Jim Racca and Chris Wombach.

Zeta Psi

The Brothers of Zeta Psi proudly announce the pledging of Brian Besser, Jay Feenan, Peter McClain, Dave Ofarcik and Dave Weiss to the Brotherhood of Zeta Psi. We are certain they will prove to be an excellent addition to the Brotherhood.

On September 3rd, Phi Douglas Elliot received two awards of Recognition from the National; one for his duties as Phi of the Pi Tau Chapter and the other as an outstanding Zeta.

Pledge bids:

Friday, November 5th was the climax of the fraternity rush. Pledge day had finally arrived. In all 205 bids have been turned in, with more still expected. This represents 36 per cent of the freshmen male population. Congratulations to the houses and the new pledges. The following is a list of all the bids that have been turned in:

PLEDGES

ATO

- Jonathan Ashton
- David Boyer
- Jeffrey Clang
- Stephen Clarkin
- Paul Doherty
- Glenn Foster
- Robert Gormly
- Stephen Green
- Richard Hennessy
- George Hooper
- Frank Jackson
- James Lafferty
- Michael Lombardi
- John McNeff

- Michael Mitchell
- Keith Patenaude
- James Penniman
- Barry Rich
- James Stonier
- John Zahara

LCA

- George Bissell
- William Bonde
- Francis Boucher
- Geoffrey Brother
- John Cermenaro
- Michael Chemitrau
- John Cybulski
- Douglas DeBoer
- Roger Etherington
- Richard Harlow
- Peter Nemiroff
- Donald Quinty
- Dave Rabor
- Jay Riccio
- James Roth
- Thomas Trepanier

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ON MONDAY, NOVEMBER 29 the third floor of Daniel's Hall will hold a PARTY. The party will start at 8:30 p.m. Girls will be admitted free, otherwise there will be a 99 cent cover charge. There will be FREE BEER, BUGEYE JUICE, AND MUNCHIES. College ID required.

Social chairperson

[continued from page 1]

become familiar with all requirements whether they be staging, lighting or sound riggers. The hall must be readied for a concert whether it be in Alden or Harrington. For Harrington, this means locating students to help set up the stage, chairs, and the floor covering. Students must be provided for unloading equipment for the performers sound and then loading it after the concert. Cleanup and breakdown afterwards must also be completed, not to mention student security inside and outside of the building, ticket sellers, and publicity on and off of the campus. The point here is that it is a full time extra-curricular activity and cannot be done alone. Every social chairman needs volunteers from the student body interested in helping make the concerts work smoothly. There must be other students who will be responsible for specific areas of the concert program. It cannot be done alone. Students who complain about the selection of concerts and the running of those concerts must come forward and offer their help. Remember the social chairman is an elected position not a fair one. For all those hours of work what the social chairman needs in return is student-body cooperation, hard work, and support. The following committees are always available for student involvement in the social committee:

- Coffeehouse
- Fine Arts Committee - Spectrum
- Cinematech Film Committee
- Concerts: selection and contracts, publicity, technical, stage crew, security, clean up (paid positions)

Students interested in any of these areas should see me in the Student Affairs Office Daniels Hall.

Although this year's social chairman election will not be affected, I am recommending to the student government that they study the possibility of having the social chairman appointed each year by the executive board of the student government. It is done this way at many campuses since it makes for an easier transition each year due to the fact that you will usually have someone appointed who has been active within the social committee structure. It would also mean that this individual would already be familiar with social committee responsibilities, booking procedures, contracts, etc. This would enable us to develop a continuous social committee structure instead of starting from scratch each year after the election of a new social chairman. It will also encourage interested students to get involved in the social committee during their freshman and sophomore years.

As for the upcoming election, I hope students will examine the background and experience of all the candidates. Find out

before the election how he/she will be spending your money. What are his/her music tastes? As a prospective voter you are entitled to finding out how much experience the candidates have had in concert programming and how much he/she knows about all the specific areas of funding for the year. Every year I hear very frequent complaints from students due to their dissatisfaction with a concert - "That's some social chairman that you have." Remember, I don't elect your social chairman, that's your job.

Social Chairman Qualifications: Article VIII, Section II of the Student Government Constitution:

The chairman co-chairman shall be a full-time junior at the time of his/her election and in academic residence three out of four terms of his/her term of office (excluding Term E).

Petitions for Social chairman must be signed by at least 50 full time WPI undergraduate students and submitted to the Office of Student Affairs, Daniels Hall by 4:00 p.m. Thursday, December 2, 1976.

The election of the Social Chairman for 1976-77 will take place on Thursday December 9, 1976.

Bernard H. Brown
Associate Dean of
Student Affairs



SOCIAL COMMITTEE



by Bill Cunningham

Well, term B is off to a flying start. Things are looking pretty good financially and otherwise for the Social Committee. Entertainment-wise, here is the schedule for the rest of the term. (There may be a few additions to the schedule depending on what talent is available from the NEC.)

- Last night - Gene Merola in the pub.
- Tonight (Tuesday) - Jim Mapes, ESP demonstration, Alden Hall, 50 cents.
- Wednesday night - Disco night at the pub.
- Thursday night - Middle East Night at the pub featuring Caravan, a belly dancer, and Greek and Arabic music.
- Friday - IFC sponsored mixer in Alden Hall, featuring the Estes Boys, 8 p.m.
- Saturday - American Standard Band, in the pub, 8 p.m. Get there early - 50 cents admission.
- Monday, Nov. 22 - Gene Merola returns, 8 p.m., pub.
- Friday, Dec. 3 - Dave Mason in concert, Harrington Auditorium, tickets available at Daniels ticket booth from 1-4 p.m. starting Wednesday. Students: \$5.00, others: \$7.00.
- Saturday, Dec. 4 - Mary Gray, folksinger, pub, 8 p.m., no admission charged.
- Saturday, Dec. 11 - Stormin' Norman & Suzy, a rowdy rock and roll show, 8 p.m., pub, 50 cents admission.
- Friday, Dec. 17 - Foxfire, from the backstreets of Harvard Square, a down home bluegrass band, 8 p.m. Another freebie!
- Saturday, Dec. 18 - Pub entertainment to be selected at the National Entertainment Conference.

Speaking of the National Entertainment Conference, the WPI Social Committee sent five delegates to the New England regional NECAA conference in Hartford. Along with screening bands and acts during the showcase sessions, there are workshops to discuss "How to Run a Coffeehouse" and "Publicity and Promotion". The experience gained by these people should be an asset to the social program during the coming year.

Since the pub stereo has been ripped off, a committee has been formed to investigate what should be done to replace it. It will be the policy of this social committee to purchase any equipment only with the approval of the pub stereo committee and the executive council of student government. If you are interested in what's happening and want to help out, drop me a line at social committee box 2539 and we will try and arrange a meeting.

Homecoming expenses

INCOME			
Friday Night Concert Attendance:			
Alumni	18	\$	45.00
Students	885		2,212.50
Comps (workers, L&L)	66		--
			\$2,257.50
Saturday Night Concert Attendance:			
Student	1,404	\$	7,025.00
Faculty	217		1,302.00
Public	425		2,975.00
Alumni	359		2,154.00
Comps (workers, L&L)	71		--
			13,456.00
TOTAL INCOME			\$15,713.50
EXPENSES			
Harrington rental		\$	591.00
Security, electricians, custodians			600.88
Rocky Mountain Productions			10,500.00
Brighton Sound			550.00
Gemini Artists (commission)			1,000.00
Deerfield Press (tickets)			89.00
Duke and the Drivers			1,500.00
Castle Music (Proctor & Bergman)			1,250.00
Head of the Meadow			350.00
Steinerts (piano rental, est.)			250.00
Saturday night student cleanup			120.00
Friday night student cleanup			115.00
Lens & Lights truck rental			107.91
Tolls, gas (Proctor & Bergman)			2.90
Class of '79 (beer, wine for group, workers)			36.64
Food, refreshments (Saturday's group)			70.00
Capron Lighting			364.00
TOTAL EXPENSES			17,496.33
NET LOSS			\$1,782.83

Student Talent Nite in the GOAT'S HEAD PUB

Thursday, December 9

ALSO

Second Annual

CHUG-A-LUG Contest

"Gong Show" format for judging student acts.

Background Music Provided.

Local Disc Jockey as M.C.

with the gorgeous

Miss Miller

We need to know about your act EARLY so we can schedule you...

Yes, I am talented! So good that I can win in _____ min.

Name _____

Type of Act _____

Box No. _____

Name of Act _____

(Acts limited to 20 minutes)



GRAND OPENING

FRI., NOV. 19 - 9AM-9PM

SAT., NOV. 20 - 9AM-6PM

★ Microcomputer Systems Demonstrations
SwTPC 6800, IMSAI 8080, Lear Siegler, Veras, DEC, Ohio Scientific, Minicomputers/Peripherals

★ Texas Instruments 52 & 56 Calculators at our cost
OPENING SPECIAL ONLY, GREAT FOR EARLY XMAS SHOPPING

★ \$100,000 original value computer equipment to be GIVEN AWAY including new ADM-3 TERMINAL KIT

Biggest Computer Hobby Center in the World!

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261-2701
584 Commonwealth Ave.
Boston, MA 02215
BETWEEN BU & KENMORE SQUARE

The Westinghouse PLAN

by S.B. Fine

Thursday, November 10 at 4:05 in the library seminar room, Dr. Harvey Brudner spoke on the Westinghouse PLAN type teaching program. The talk was sponsored by CERD and was an extension of their teaching learning workshops held last year. Dr. Brudner first started with the philosophy behind the Westinghouse PLAN and then went on to speak of its actual implementation.

Dr. Brudner said that the old traditional training style of education where one is trained for a specific job was a product of the industrial revolution. There were certain jobs that had to be done and it appeared that they would have to be done forever. But with the coming of the post industrial revolution and computers and automation, one could not be trained for a job which might be soon replaced by a machine. Instead one had to be educated. Jobs kept changing and situations kept changing and problems kept changing and people's ways of thinking and their methods of solving problems had to change with the situations. People had to be educated to

adjust. They cannot fall victim to future shock.

Dr. Brudner's solution was the Westinghouse PLAN. This was a program for grades 1-12 to run their education on an IPI type basis. The students would choose what they wanted to do that day and they would do it. The next day or next hour they might decide to work on another subject. When they thought they were ready they would take an assessment. If they passed it (85 per cent right was passing) they could go on to the next section. If they failed they would work on that section again. All regular subjects would be on this basis. Dr. Brudner is convinced this program is working well and it is certainly selling well for Westinghouse.

Dr. Brudner was holding small discussion groups on education in the library Friday the 12th. Dr. Brudner received his B.S. in engineering and physics from NYU and received his M.S. and Ph.D. from Columbia in physics. He was dean of science and technology at New York Institute and was chairman of the Westinghouse learning corporation for ten years.

WPI student injured

by Craig Vickery

A WPI student was seriously injured when he fell approximately sixty feet from the roof of Sanford Riley. Michael Muehe, a freshman, fell while attempting to get into his room last Tuesday night around 9:45 p.m. He had locked himself out of his room and was unable to find the R.A. for his floor. According to WPI Security Muehe crawled out of the fourth floor men's shower onto the roof where he made his way to his window and then slipped and

fell. Greg Smith, a fourth floor resident, called the Worcester Police when he heard what had happened, and Cynthia Gryniuk, the third floor R.A. called the WPI security police. An unidentified doctor from the crowd treated Muehe until the ambulance arrived, and then disappeared. Muehe was taken to Hahnemann Hospital where he was referred to Memorial. He is currently listed in satisfactory condition with a broken vertebra in the neck and temporary paralysis from the chest down.

ANNOUNCING A SEMINAR ON ELECTRONIC MUSIC SYNTHESIS

Taught jointly by a Physicist and a Composer, this seminar will focus on specific techniques of electronic music synthesis and the manner in which they have been used in musical compositions. Students will be instructed in the use of the ARP Electronic Music Synthesizer and will be able to produce sounds using many of the techniques studies. Individual electronic music studio time will be arranged.

**A 7-WEEK SEMINAR—TERM C77—ONE-THIRD UNIT
LIMITED ENROLLMENT—ENROLLMENT BY PERMISSION
FOR DETAILS, STOP BY SCHEDULING OFFICE, OLIN 211.**

pledge bids

[continued from page 2]

17. Steve Wiezbicki
18. William Woishnis

PGD

- Ed Birk
- Tim D'Arcy
- Allan Fish
- Craig Frost
- Steve Gilein
- Rick Goulding
- Michael Herberg
- David Huhtala
- Mark Lefebvre
- Scott Mease
- John Neilon
- Mark O'Neil
- Bruce Pfister
- Aivars Reks
- Charles Richards
- John Rioux
- Philip Rowe
- John Terenzi
- Mark Tino
- James Wilbur
- John Wilbur

PHT

- Mark Basile
- Earle Blatchford
- Kenneth Brown
- Daniel Buckley
- David Clarke
- Raymond Cronin
- Frank DeBonis
- Duane Delfosse
- Perry Esposito
- Richard Forand
- James Getches
- Jim Griffith
- Robert Guarasi
- Thomas Horgan
- Jeffrey Ironfield
- Brian Johansson
- Dennis Kelly
- Gareth Kucinkas
- Ronald Lesnikowski
- David Lesser
- Michael Lombardi

- Anthony Masullo
- Thomas McBride
- Philip McKenna
- Serge Molinari
- John O'Horo
- James Rocco
- Michael Robinson
- Jeffery Rosen
- Michael Slattery
- Keith Sylvestre
- Ed Szkutak
- Steve Tourigny
- Louis Travaglione
- John Turpin
- Cristian Wambach
- David Wilson
- Robert Yule

PSK

- Michael Aghajamian
- George Archambault
- Perri Bachini
- Keith Backman
- Timothy Cetto
- Stephen Fidrych
- Elijah Flakes
- James Gobes
- Bradley Kagen
- Richard Malmstrom
- Scott Seder
- Mark Senior
- David Sheibley
- Charles Smith
- Michael Tardif
- John Vlahas
- Jeff Hebert
- John Fitzgerald
- Steven Connolly

SAE

- John Apostolou
- Jeffrey Carter
- Curtis Dudley
- Herbert Dunnington
- Ronald Dutton
- Robert Edwards
- Robert Grant
- Brian Huntley
- Daniel Hurley
- Edward Johnson
- Thaddeus Kieler

Competencies restricted

by Ken Mandile

Several engineering departments at WPI were forced to restrict the availability of competency exams this fall. The restriction made ME, CE, and EE competencies available only to those students that had finished all other degree requirements. This would lighten the load on these three largest departments during the one week long term break.

In a memorandum dated December 1, 1975, Dean of Undergraduate Studies, William R. Grogan, said that the ME, CE, and EE departments gave 92 out of 121 competency exams given last fall. "The task of submitting term A grades, giving large numbers of examinations, and preparing to start a new term — all in one week — was a virtually impossible task," said Dean Grogan.

Fast for hungry

WPI United Campus Ministries is joining with OXFAM-America in sponsoring a Fast for a World Harvest on November 18th.

The problem of world hunger is a severe one: Most of the people in the world spend most of their time trying to get enough to eat. More than 65 per cent of the world's people are hungry — suffering either from calorie deficiency or not enough protein. The cause is not so much a global scarcity of food, but a maldistribution of agricultural resources.

Feeding the populations of South Asia, Sub-Sahara Africa and Latin America with wheat and corn from North America is not practical. People do and must depend for their food upon harvests brought in by themselves and their neighbors.

This fall 13 students took ME competency exams, two took CE comps, and 14 took EE comps. The restrictions have forced large members of the students to take the exam in January. According to Prof. Roy Bourgault, Chairman of the Mechanical Engineering Competency Exam Committee, more than sixty students will take the ME comps in January, this load was well expected. The 1976-77 calendar adds two days to the January competency exam period and moves the exam dates to a period in advance of intercession.

The usual requirement for taking the competency is that the students must have completed 12 units of study and must be certified ready to take the exam by his or her academic advisor. Each degree granting department must offer competency exams during at least two of the four examination periods.

Oxfam — America's highest priority is helping small farmers grow more food for their families and their communities.

No one ever gets used to being hungry. No one should have to. If you share the conviction that people can and should feed themselves, join Oxfam — America's Third Annual Fast For A World Harvest, on Thursday, November 18 (a week before Thanksgiving!), and give one day's food money to help small farmers in famine-ridden areas of the world.

WPI students and faculty can send checks (payable to OXFAM-America) to the Campus Ministry, Box no. 2373 on November 18th.

THE WPI STUDENT GOVERNMENT would like to extend its support to the Fast for Hunger sponsored by the Campus Ministry on Nov. 18. We hope that the WPI Community will participate in this event.

Exchange to Europe

IAESTE, the International Association for the Exchange of Students for Technical Experience has just announced that positions are available for qualified students who desire to work in Europe for the summer of 1977.

Any student who is enrolled and in good standing at an accredited four-year college or university and who has completed at least the sophomore year of studies may apply.

IAESTE's aims are:

A) To train advanced university students majoring in any of the sciences,

engineering, mathematics, and architectural fields of other nations, and:

B) To build a foundation for international understanding and good-will among these potential leaders and the host companies and institutions.

Jobs are available in various fields of study in the following countries: Austria, Belgium, Finland, France, Germany, Israel, Netherlands, Switzerland, and many others.

Students interested should attend a meeting with Dean Brown on Wednesday, November 17, at 4:00 p.m. in the Office of Student Affairs, Daniels Hall.

- Steven Korb
- John Kullas
- Peter Sharpe
- Dance Spillman
- Lib Vasconcelos
- Scott Wade
- Frederick Wanat
- Michael Yeauk

SP

- Stuart Barer
- Michael Coomey
- David Fecteau
- Alan Kozlowski
- William Maloney
- Thaddeus Okolo
- Tim Pond
- James Sweeney
- Bruce Walsh
- Peter Wescott
- James Whitmore
- John Zeiz Jr.

SPE

- Mark Connolly
- Steve Connolly
- Chuck Crowley
- George Gikas
- Eric Johnson
- Peter Kelleher
- Tom Lucey
- Gil Martin
- Jack Mazeika
- Rick Mongeau
- Dave Schab
- Steve Tarantino
- Greg Yekhtikian

TC

- David Bujancius
- Gary Crane
- Paul Diotalevi
- James Drumm

- David Grey
- Irvin Halman
- Scott Harvey
- John Healey
- Joseph Horvath
- Arthur Huggard
- Harold Jacobs
- Tod McNamara
- Theodore Nevias
- Steve Puchkoff
- Michael Ramadei
- John Robertson
- Norman Robinson
- Del Rogers
- Gary Sawicki
- Angelo Scangas
- Gregg Spector
- James Torrey
- Edson White
- Robert Woodard

TKE

- David Barrows
- Victor Benson
- Brian Biernacki
- David Bowers
- John Catrone
- William Emmet
- Dave Herman
- Chris Jennings
- David Roderick
- Martin Rowe
- Gary Traverso
- Geoffrey Ward
- Thomas Welsh

ZP

- Brian Besser
- James Freenan
- Peter McClain
- David Ofarcik
- David Weiss

Recruiting for 1977

Washington IQP Center

by Paul Cleary

With the Presidential campaign and election over, life may be quieting down for most people in the nation's capital, but for students at WPI's Washington, D.C. Project Center work is just beginning. Twenty-four juniors and seniors are now working on a variety of projects with private and public agencies. Twenty-three students have just returned from the Washington Project Center after an intensive seven-week experience during which they completed their IQP's.

Preliminary feedback from the returnees and from the agencies with which they worked indicates the A term program was an overwhelming success. Students say they found the experience "terrific...the only way to your IQP." Agencies which participated in the program A term are looking for more students to do more projects with them. Agencies which weren't involved A term, but which heard about the WPI operation, are asking how they can get involved.

The Washington Project Center now operates A and B terms each year. When the doors of the center first opened in the Fall of 1974 it was funded in large part by a grant from the National Science Foundation. The center operated four terms that year, but a year later the program was cut back to two terms in order to operate more efficiently.

Students are presently housed in an apartment building near Dupont Circle in the heart of Washington. Dupont Circle is easy walking distance from the White House. Two and three men project teams work on a wide variety of projects dealing with an even wider variety of topics. Agencies involved A term include the President's Council on Environmental Quality, the National Association of Manufacturers, and the Center for Science in the Public Interest. Dan Boudreau, '78, and John Kirby, '78, worked with the National Association of Manufacturers on a product safety investigation of large home appliances. Nancy Gettens, '77, and Mike Gantick, '78, studied the correlation between pollution levels and health statistics in the United States for the Council on Environmental Quality. Ed Sprogis, '78, John Anderson, '78, and Dave Hawley, '77, worked in the office of Congressman David Emery on a cost-benefit analysis of solar energy in Maine. Congressman Emery is a WPI alumnus.

Since the project center began in 1974 the breadth of the project possibilities in Washington has grown. This year we are working for the first time with Congressman Emery, the Center for Science in the Public Interest and the Institute for Local Self-Reliance. These expanded offerings give students a wide range of project opportunities.

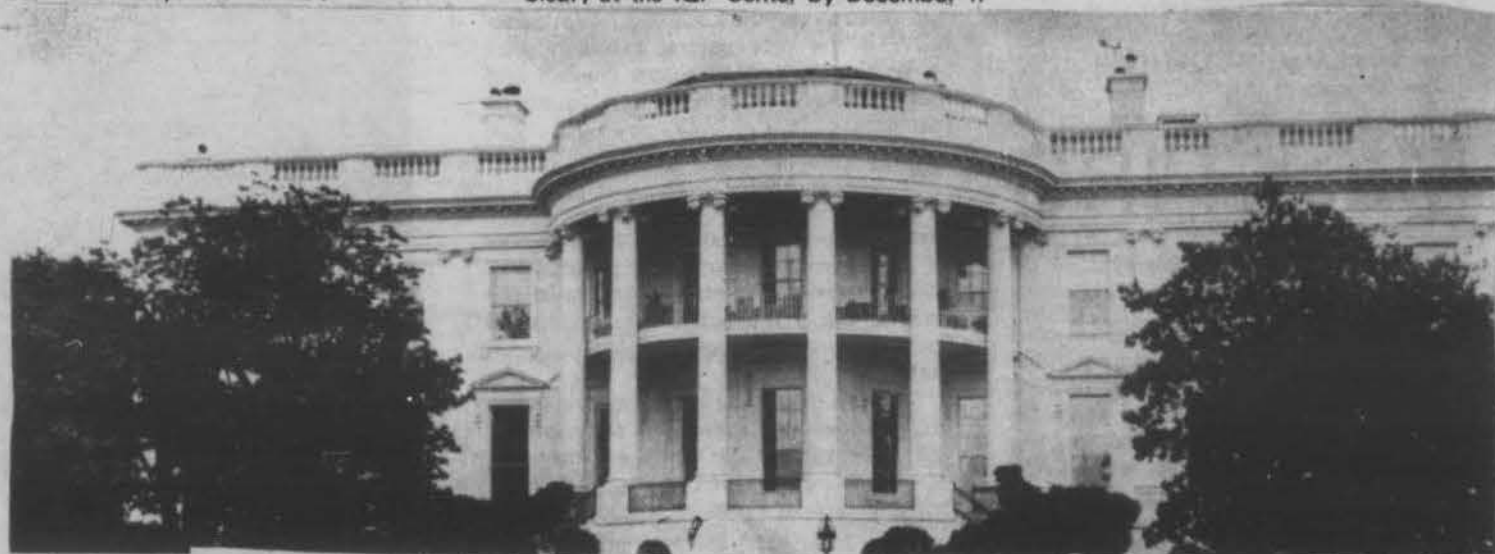
Planning is now beginning for the Center's 1977-78 academic year. Students who are interested in the Washington program should now prepare to submit their applications for next year.

Why Go To Washington?

The advantages of the Washington program are enormous. Students carry out their project work in a setting unlike anything Worcester can offer. While in the capital students get a taste of the "real world" by working full time on a significant and complex problem with national ramifications. Washington offers access to

large amounts of data which are simply not available elsewhere. Working with a federal agency offers students an opportunity to see how decisions are made in the nation's capital.

Washington also offers students the opportunity to live in one of the world's most interesting and important cities. During free time there is the chance to attend sessions of the House and Senate, tour the Supreme Court, see the



The White House

Smithsonian and view the art collections in the National Gallery or the Hirshhorn Museum.

Though relatively modest in size the city offers a cosmopolitan setting with the excitement one expects to find in a large city. There are excellent restaurants to suit all tastes and budgets, a variety of fine music clubs and a wide selection of bars and pubs as well as other social possibilities. Washington also brings out qualities in students which too often are not developed on campus. Many Washington returnees say that although they were not inclined to read a daily newspaper while on campus they found themselves reading the *Washington Post* every day in order to remain conversant with their peers in the capital.

What Type of Student Picks Washington?

The Washington program is an intensive seven-week educational experience. It is not for everyone, but as WPI attracts students who are increasingly aware of the world outside the campus, interested in that world and concerned with the role of technology in it, an increasing number of them are looking to the Washington Project Center to meet their intellectual demands.

The ideal Washington applicant is self-motivated, hard-working, mature, thoughtful and able to adapt to new situations. Those qualities are difficult to evaluate, at best, but the ideal Washington candidate probably reads a good deal, is familiar with social and political developments in the world and perhaps sees the role of the engineer-scientist in society in considerably broader terms than those students who view their four-year experience at WPI only as a path necessary to tread on the way to a secure job.

A student who selects the Washington program simply because he wants to get away from Worcester for a time will soon find that reason will not be enough to sustain him through the long hours of hard work which the program requires.

What is the Application Process?

Twice as many students applied for the Washington program last year as applied the year before. Nearly 140 students filed applications for 50 openings at the center. Only juniors and seniors are sent to the Washington center so applicants should be sophomores or juniors when they apply.

Starting today, "Priority Applications" will be available at several campus locations: the Bookstore, Project Center, IQP Center, Library Reference Desk and Salisbury Commons. Students should fill out these forms and return them to Paul Cleary at the IQP Center by December 1.

Washington. The rooms are furnished and linen service is provided. Three students live in each room, a studio apartment with kitchen facilities.

Washington students are required to live in the housing provided by the College.

Students living in fraternities or dormitories are not charged for their Worcester room while living in Washington. Students living in apartments, however, must work out their own arrangements with their landlords or roommates.

There is a damage deposit for the Washington room. This year the amount is \$75.

Students whose applications are returned before the deadline are given priority in the selection process over those students who do not apply until after Dec. 1.

On Nov. 23 at 4 p.m. in the IQP Center there will be an informational meeting regarding the Washington Center. Faculty who have been involved with the program and students who have returned will be on hand to answer questions from prospective applicants.

Starting Dec. 2, applicants will be given a short, 15-minute interview with faculty or staff involved with the project center. Sometime after Dec. 23 students will be notified at their homes regarding their applications. These notices are sent out sometime during the Christmas-Intersession break.

How Much Does it Cost?

Tuition costs for students in Washington are the same as for students who remain in Worcester. Housing costs, however, do vary. Students are currently paying a one-term rent of \$290 each for rooms in

What About Project Advising in Washington?

Two faculty advisors live in Washington each term. These advisors are selected during C term preceding the term they will be in Washington. Tom Keil from the physics department and George Mansfield from civil engineering were advisors during term A. Jack O'Connor from social science and policy studies and Don Eteson from electrical engineering are shouldering advising duties this term.

In addition, each student project team has a coordinator or liaison at the respective agency. These persons provide assistance and advice from the agency's side.

So, in brief: if you are a sophomore or junior interested in getting the most out of your IQP; if you are interested in seeing more of the world than the WPI campus can show you; if you are interested in government, social issues and large-scale policy decision making, think about Washington. You owe it to yourself.

Washington Project Center Time Table

- NOV. 16 — See Newspeak for article on WPI's Washington, D.C. Project Center.
- NOV. 16 — Priority applications are available at the Bookstore, IQP Center, Project Center, Library Reference Desk and Salisbury Commons.
- NOV. 23, 4 P.M., IQP Center — Informational meeting on Washington Project Center. Faculty members and students who have been to Washington will be available to answer your questions. Refreshments.
- DEC. 1 — Deadline for priority applications.
- DEC. 2-DEC. 22 — Interviews.
- DEC. 23+ — Students will be notified regarding their application at their home address during Christmas-Intersession break.

Who pays . . . ?

[continued from page 2]

if their supporters had to do something to join the organization, instead of having dissenters make their opposition known on their own? There are other special interest, politically oriented associations on this campus, and for them, members must once

a year, generally, reach into their wallet, take out whatever amount of money is required for membership, walk across, and deposit their dues on the table, personally and intentionally. Why not the same for Mass PIRG?

Thomas S. Myers

MQP OPPORTUNITIES IN COMPUTER SCIENCE

1. (On Campus) Artificial Intelligence
2. (Off Campus) Prime Computer Inc.
3. (Off Campus) Data General

MQP OPPORTUNITIES WITH MICROPROCESSORS

1. (Off Campus) Working on the development of a dedicated microprocessor application product with a local company.
2. (Off Campus) Working on M6800 applications with a region company.

IQP OPPORTUNITIES

1. (For CS student) EOC Data Management System. This could also be an MQP.
2. Social Services Referral System
3. Computers and the Humanities
4. Regional Environmental Council

For further information on any of these projects see Prof. James Perry in Higgins Labs room 125.



Jefferson Memorial

NOW Meeting

The Worcester Chapter of the National Organization for Women (NOW) is accepting new members. Monthly meetings are held at the Worcester Public Library. Worcester NOW offers a ten week Consciousness Raising program for women, a legislative task force, monthly newsletter and other areas of interest for today's woman. Learn what your options are as a woman in the 70's.

Interested persons may contact Joan Filsinger, Vice President for Public Relations, at 844-9089 daily or write Worcester NOW, Post Office Box 307, West Side Station, Worcester, Ma. 01602.

The Worcester Area Chapter of the National Organization for Women (NOW)

Mass PIRG

Mass PIRG Announces Solar Knowledge Survey

On October 12, state legislators gave final approval to a new law requiring public agencies to obtain estimates on the long term costs of owning and operating different types of heating and cooling systems, including solar and wind equipment, before completing the design of public buildings. According to Peter C. Bogle of the Massachusetts Public Interest Research Group (Mass. PIRG), chief lobbyist for the legislation, "This energy cost-estimate law will arm public officials with the information needed to design schools, hospitals, or housing projects that will not burden taxpayers with fuel bills that are higher than necessary."

Passage of the bill culminated a year long effort by Mass PIRG students and staff to insure that non-traditional energy sources be given the consideration they merit. Proponents for the legislation believe that the long term cost estimates will often reveal future taxpayer savings that are possible when buildings are designed to be well insulated and to capture locally available solar energy. Mass PIRG research associate Timothy Peters sees this law as a boost for solar energy use. "Solar heated public buildings in Massachusetts can serve as excellent demonstration projects to help convince citizens to go solar."

Public Knowledge Survey Planned

Why private citizens are not currently designing their homes to take full advantage of solar energy is the subject of a Mass PIRG public knowledge survey to be conducted during the last week of November and the first week of December. According to many solar experts one of the major reasons for the low usage of solar energy in the private home is the widespread misconceptions held about the practicality of the use of solar equipment in Massachusetts. Students working with Mass PIRG will attempt to document the state of the public's solar knowledge by conducting a telephone survey of randomly selected Baystate homeowners. Homeowners will be asked basic questions about solar energy potential, advantages

invites all interested women and men to hear syndicated columnist Mary Ellen Corbett at the November 15th monthly program in the Worcester Public Library, Saxe Room at 8 p.m. Ms. Corbett's topic will be "The Women's Movement is Alive and Well - An Analysis of the Progress and Problems of Women's Rights in the Bicentennial year." Coffee and conversation will precede the meeting at 7:30. Chapter President Ms. June M. Coolidge of Shrewsbury will highlight chapter activities and introduce the speaker. Worcester NOW is the only central Massachusetts NOW chapter and welcomes women and men from throughout Worcester County as members.

and disadvantages and about their sources of information about solar equipment. PIRG students and staff will compile the data to see if the public is receiving the facts about the sun power potential in our state.

Students interested in participating in the public knowledge survey for solar energy will be trained in phone interview techniques and given a list of local homeowners to contact. These students will then participate in the analysis of the data collected in their area and in formulating strategies to correct any misinformation uncovered by the survey.

The public knowledge survey is just one of several projects students working with Mass PIRG are pursuing in an effort to insure that Massachusetts makes rational choices about its energy future. WPI students who wish to participate in the survey or in other solar projects can contact Peter Rider, Mass PIRG staff, in the IQP center on Thursdays from 10:30 to 2:00 or by leaving a message with Professor Demetri. Mass PIRG is a student funded and directed citizen action group supported by students paying the Mass PIRG fee that appears each semester on their tuition bill.

Student Nutrition Study Announced

Students often complain about their cafeteria food but, like the weather, they seldom do anything about it. This fall students across the state are asking important questions about the food services at their colleges and universities. As consumers they want to know who runs the food services and what role the students have in the decisions made at the school that determine what food will be served, how much it will cost and when it will be served. They also want to know what changes can be made to give the students a nutritionally higher quality food for their money.

During November students attending Massachusetts universities and colleges will be looking for the answers to these and other questions in a Mass PIRG Nutrition Project. The PIRG Nutrition Project will focus on the responsiveness of the food delivery system to the needs of the students it serves. Food menus, food cops and vending machines will be some of

Mussari to Speak

Gerald J. Mussari will be giving the keynote speech entitled: "The Recruiting Jungle" on Monday, November 29 at the Placement Seminar Meeting.

Mr. Mussari currently holds the position of Industrial Relations Manager at the Proctor & Gamble Paper Products Com-

pany located in Mehoopany, Pennsylvania. He joined the P&G organization as a Team Manager in July, 1967. He was promoted to his current position in January, 1976.

Mr. Mussari earned his Bachelor of Science degree from Providence College in 1964 and his MBA in Industrial Relations from Seton Hall University in 1967. Before accepting the position of Industrial Relations Manager, he held the position of Group Manager of Training and Organization Development, having been named to the position in September, 1973. Mr. Mussari has also held the positions of Recruiting Manager and Employee Relations Manager.

Mr. Mussari is a resident of Clark Summit, Pennsylvania. He and his wife, Beverly, have three children; Mark 10, David 9 and Scott 7.

His outside interests include the Presidency of the Abington Home and School Association, Grand Knight of the Knights of Columbus, active involvement in the Cub Scout Program and the Abington Little League Program. Additionally, Mr. Mussari is an instructor in Management in the Penn State Extension Program.



Oceanography

Are you interested in oceanography, underwater acoustics, oil design, ocean engineering system design or any of the countless branches of ocean science or engineering? Then this meeting is for you. On Thursday, November 18th, at 12 noon in the Library Seminar Room there will be a meeting of students and faculty members who are interested in this expanding and challenging field. Topics to be discussed are: Faculty and administrative positions on WPI involvement in Ocean Science and Engineering, survey of students interest and future of the club at WPI. Any questions can be addressed to Andy Faiss, Box 2239.

the areas investigated. Other areas of exploration may include an examination of T. V. advertising to see what attitudes toward nutrition it promotes.

WPI students interested in participating in the Nutrition Project should drop by the IQP Center on Thursdays from 11 a.m. to 2 p.m. or send a card to Mass PIRG-Nutrition Project (Amherst). They will then be contacted about the project.

Massachusetts Public Interest Research Group, Inc.

LENS and LIGHTS presents

For the price of a movie, you'll feel like a million

The Sunshine Boys

Released thru United Artists

PG MGM

FILMS INCORPORATED

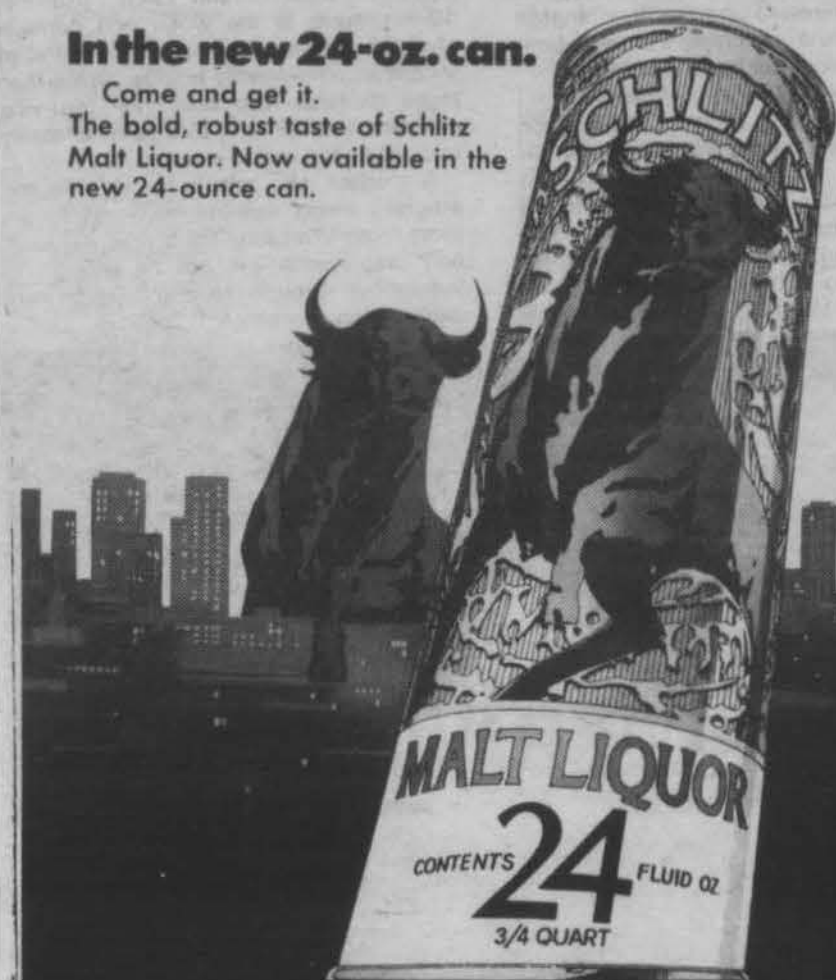
Sunday, November 21
Two Showings at 7 and 9:30
Admission only \$1

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Look out for the Bull

In the new 24-oz. can.

Come and get it. The bold, robust taste of Schlitz Malt Liquor. Now available in the new 24-ounce can.



Nobody makes malt liquor like Schlitz. Nobody.

Lion Distr., Inc. - Worcester, Mass.

NEW INTERSESSION COURSE:

C776 "The Recalcitrant Mathematician: Integration in Engineering Practice" Non-credit.

Coordinator: William Kaknes '78 at Box 1082

Description: An introduction to methods and problems involving the application of integration to engineering.

FOR: Students who have an interest or need to be able to apply integration to problems in engineering.

Purpose: To develop an approach to setting up integrals and also recognizing where integrals can be used in solving problems.

Background: Understanding of integration methods through MA 1030.

Limit: 20

Schedule: 1-26-1-28 Morning and afternoon.

Would you be interested in forming a:

TUESDAY EVENING PUNT SOCIETY

Meetings: Tues. 7-10, Wedge
Attendance: Optional
Dues: Zero!

Do you like any of these?

- | | | |
|-------------|-------------|-------------|
| Quibic | Checkers | Life |
| Kalah | Bridge | Probe |
| Tic Tac Toe | Perquacky | D & D |
| Hearts | Space Chase | Gin |
| Spades | Risk | Milles Born |
| Chess | Monopoly | Acey-Ducey |
| Backgammon | Cribbage | etc... |

If you are interested or have questions: wander by the Wedge this Tuesday night, drag a friend and a game along.

Environ

Weather control

by Mark Kelsey

Today we face an ever-continuing controversy over efforts to control the weather. The effort of weather control divides scientists, challenges lawyers, intrigues the military and often enrages the average worker. Currently, efforts are being directed at making rain or snow, suppressing hail, suppressing lightning, and modifying tornadoes and hurricanes. Also, the military has shown interest in weather control so that it can be used as a weapon of war.

Presently, weather control programs take in millions of taxpayer's dollars without the public appraising it. For example, the "eagles nest", home of the National Center for Atmospheric Research, costs \$5.5 million yet it is only a part of weather control efforts. Also, colleges, universities, and other organized groups get thousands of dollars in government and private grants to conduct research on weather control.

The first area in weather control is the field of "rainmaking" or seeding clouds to obtain precipitation. This may seem like a noble enterprise but it is bogged down in legal controversy because cloud seeding to obtain higher precipitation has not always

been in the interest of the people. For example, in the town of Oursay, Colorado high in the San Juan mountains the U.S. Bureau of Reclamation wanted to make more snow by seeding the clouds coming off the Pacific. However, the people of the town objected because the area already gets 30 feet of snow a year and is notorious for avalanches. One person exclaimed, "Anyone who supports seeding here never saw an avalanche." In another case the National Oceanic and Atmospheric Administration made one classic "goof" in the summer of 1971 when NOAA experimenters caused a deluge of rain over Fort Lauderdale and Miami, Florida. The seeding caused heavy rain, hail, and strong winds up to 65 miles per hour on the east coast of Florida instead of raining on the drought-stricken areas inland. Another problem associated with cloud-seeding is that it may make too much precipitation in some areas and not enough in others that normally get adequate precipitation.

The second area in weather control is the field of hail suppression. However, there has been little success in this area in the United States. There has been much more success in the Soviet Union where they fire

off anti-aircraft guns and missiles to inject explosives and other substances into the clouds to stop hail. This success was claimed by Academician E.K. Pyodorov, director of the Institute of Applied Geophysics of the Soviet Government. In a recent meeting he claimed that hail damage was reduced by five times and that four million hectares of crops were protected by their hail suppression program. However, there have been legal hassles over the suppression of hail. For example, farmers in Texas hired a commercial weather-changer in 1959 to suppress hail that flattened their crops. Nearby cattlemen watched incredulously as storm clouds which might have drenched their drought-stricken ranchlands turned to mist and disappeared. The ranchers sued the farmers in court with the final judgement being that there would be no more cloud seeding that year over the plaintiff's land.

The third area of weather modification is the suppression of lightning and tornadoes. Again, there has been little success. It is fortunate that there has been little success in modifying lightning and tornadoes because they are necessary for ecological balance as well as survival. Newton Weller, an electronics expert, stated that lightning and tornadoes provide channels from the earth to the upper atmosphere for electricity from the earth. If there were no lightning for a period of time then lightning bolts would sporadically jump out of the ground. Also, lightning produces nitrogen and ozone, both vital to life on earth.

The fourth area of weather control is the modification of hurricanes. Here again, efforts to modify hurricanes have had little success, in fact they have made them even more powerful and unpredictable in some cases. For example, in September 1971, hurricane Ginger was seeded with nearly 50 canisters of silver iodide. The storm churned in the east coast of the U.S. and was so destructive that it established a new record for coastal devastation following the seeding of a hurricane. Before the seeding Ginger was headed northeast and posed no immediate threat to coastal lands on the eastern seaboard.

Finally, there is speculation that weather control could be used as a weapon of war. However, the military fails to recognize that the weather is not just a random occurrence. The atmosphere and our weather are great interacting mechanisms and an alteration of one process may create a chain reaction in the weather.

Therefore, I must conclude the current weather control and modification efforts should be controlled. Further steps should be taken by the government to enforce the proposed three national goals of the National Academy of Science regarding the status of weather control that must be achieved by 1980:

1. Completion of weather research to put precipitation control "on a sound basis."
2. Development of technology "to move toward mitigation of severe storms."
3. Determination of the extent of inadvertent modification of weather.

I believe that further research should be conducted so that we can more fully understand the process of weather and the "experiments on weather control should be curtailed wherever possible.

Sources:
Current. Volume 182, pp. 55-59.
Field and Stream. Volume 80, Number 11, pp. 122-125.
National Wildlife. Volume 11, pp. 38-41.

Canada wet.

O'Keefe Ale

O'Keefe Great Canadian Ale.
 100% Canadian. Imported by Century Importers of Buffalo.

WPI

READING COURSE

Term B

RECOMMENDED FOR
 Anyone wanting to develop or sharpen reading and study skills; anyone interested in practical epistemology.

DURATION, LOCATION
 The course will meet Monday through Friday, beginning Monday, November 29, and ending Friday, December 17, a total of fifteen meetings. Classes will run from 4:30 p.m. to 5:30 p.m. in Atwater Kent, Room 117, the large E.E. lecture hall.

CREDIT, HOMEWORK
 None.

COST
 \$5.00. RA's, Graduate Students, Faculty and Staff receive a professional discount.

PURPOSE, OUTCOME
 The course is intended to offer students the means to extend the skills of understanding college-level written material. "Speed" reading will be addressed simply as one of these skills. It is difficult to forecast the range and quality of individual reading improvement; one very rough indicator is that, in the past, the average measured reading speed of the class as a whole has tripled.

REGISTRATION, INQUIRIES
 Registration will be taken in Daniels Hall, the Office of Student Affairs, and at class meetings during the first few sessions. The instructor is Roy Astley, Office of Counseling Services (Stoddard C, Phone ext. 540).

WSC theatre

The Worcester State College Media Department's Fall production, Eugene O'Neill's *Beyond the Horizon*, will be presented in the Worcester State College Auditorium from Thursday, November 18, through Sunday, November 21 at eight o'clock in the evening. A special low-priced preview is scheduled for Wednesday, November 17, also at eight p.m. in the College Auditorium.

This production of *Beyond the Horizon* will be a participant in this year's American College Theatre Festival. The A.C.T.F., now in its ninth year of existence, was originally conceived "to encourage high standards of production and to bring together at the regional and national level productions that represent college theatre at its best." Should *Beyond the Horizon* qualify for the American College Theatre Festival, it would first participate in one of

the thirteen regional festivals and workshops that will be taking place throughout the country. From these workshops, The A.C.T.F. Committee will then invite up to ten productions to Washington to take part in a two week non-competitive Festival in the Kennedy Center, with all expenses paid. The committee will be looking for "excellence of total production: acting, directing, design and writing." The American College Theatre Festivals main objective is the encouragement of "new styles of theatrical presentation and new methods of staging, new approaches to the classics, new plays by young American writers, and revivals of important American plays of the past." A number of awards will be given for many different categories of achievement.

Beyond the Horizon, Eugene O'Neill's first Pulitzer Prize winning drama, is an

historic play, dealing with the America of yesterday. A drama set in the early 1900's, *Beyond the Horizon* is the tragedy of two brothers with opposite natures, whose fates are crossed by the woman they both love. Robert Morton, a Media Major at Worcester State College, plays Robert Mayo, a romantic young man whose one big dream in life is to live at sea. His brother, Andrew Mayo, played by Phil Papineau, a Media Major at Worcester State College, is a realist and a lover of the farmland on which they both live. When Ruth Atkins, the woman that both brothers love, played by Cathy Allen, also a Media Major at Worcester State College, vows her love to Robert, the brothers destinies both change tragically. Robert, out of love for Ruth, stays at home tied to the land that he never had any feelings for, forsaking all of his dreams of a life at sea. Andrew, suffering a broken heart because of Ruth's decision, decides to leave the land that he loves for a life at sea, far away from Robert and Ruth.

This theme of man's unachieved dreams was one that O'Neill explored in many of his plays, including one of his best known works, *The Iceman Cometh*. In *Beyond the Horizon*, O'Neill even experimented with scene shifts in order to reinforce this theme. As O'Neill himself explains: "Each act is designed with two scenes; one scene is out of doors, showing the horizon, suggesting the man's desire and dream. The other is indoors, the horizon gone, suggesting what has come between him and his dream. In that way I tried to get a rhythm, the alternation of longing and loss."

The production is under the direction of David A. Seiffer, Assistant Professor of Media at Worcester State College. Ann Marie Shea, also an Assistant Professor of Media at Worcester State College, is the costume and makeup consultant.

For further information about the production or tickets, contact the Media Department at Worcester State College, L.R.C. 120C, or call 754-6861, Ext. 311.

Gordon Library exhibit

Mark Sandrof, a free lance photographer living in Worcester, is having an exhibit of his photographs at the Goerge C. Gordon Library at Worcester Polytechnic Institute November 15 to December 11, 1976.

The 36 black and white photographs vary in subject matter from personal portraits to industrial scenes in a wide variety of locations throughout the United States. Mark Sandrof is a free-lance photographer who lives in his home town. He graduated from Rhode Island School of Design and The School of the Art Institute of Chicago.

The photographs shown here cover an eight-year period, during which Mark traveled widely throughout the United States and worked as a newspaper photographer in Worcester.

The majority of the photographs were taken with a Leica M-2 camera with 35 and 50mm Summicron lenses, and the rest with a Nikon camera with a 135mm lens.

The enlargements were made on an Omega D-2V enlarger, using a 50mm El Nikor lens.

Kodak Tri-x film was used throughout, rated normally and developed in Kodak D-76 (1:1).

The enlargements were made with Kodak Polycontrast double-weight enlarging paper, developed 3 minutes in Dektol (1:2), and toned with Kodak Rapid Selenium Toner. The prints are archivally processed with Hyp Clearing Agent and the Kodak HE-1 formula. The photographs are mounted on acid-free board.

"Summertime" at H.C.

Winter winds may be blowing through Worcester but it is SUMMERTIME in Fenwick Theatre. This delightful comedy by Ugo Betti, translated by Henry Reed, is being presented at Holy Cross College, November 16 through 21 at 8:00 p.m. This is the second show of the Fenwick Theatre season and is directed by Donald W. Ilko, whose deft touch with comedy is apparent as Francesca and Alberto, the two young lovers, frolic their way through an entertaining evening.

SUMMERTIME is set in Italy in 1937. It is a simple love story about two childhood sweethearts, their two spinster aunts, and some delightful villagers whose life is disrupted by the arrival of a scheming "other woman" and her brother. Just when it seems all is lost, love triumphs and the audience can go home knowing that Francesca and Alberto will live happily ever after.

The play is in three acts; the first act is set in an Italian country house, the second,

a mountain meadow, and the third, a simple farmer's hut. All are skilfully executed by Michael Calitri, with lighting by J.J. Moran. Costumes are by Paul Driscoll.

SUMMERTIME has a number of seasoned actors in principal roles. Ann Dowd, who will play Francesca has appeared in Fenwick Theatre productions of THE MISTER, ORESTES, PHOTO FINISH, and MEDEA. Alberto is portrayed by Neil Donohoe, who appeared this summer with the College Light Opera at the Highfield Theatre, Cape Cod. Noemi, the other woman, is played by Cathy Angelini, who appeared in THE MISER and PHOTO FINISH. Other members of the cast include: Monica Earls, Robyn Geogan, Kent Ozman, Bob Cady, John Cook, Myles Johnson, Nancy Murray and Charles Santangelo.

This is a show that is good family theatre and will entertain Worcester audiences of all ages. Come back in the warmth of SUMMERTIME! For ticket reservations call 793-2496.

Clark performance

The Theatre Art Program of Clark University's Department of Visual and Performing Arts will present Paul Zindel's Pulitzer Prize-winning drama, "The Effect of Gamma Rays on Man-in-the-Marigolds" Tuesday through Friday, November 16-19.

Performances will begin at 8:15 p.m. in the Little Center Theatre, on the Clark campus. General admission tickets are \$2.50, and student tickets are \$1. Ticket information is available by calling 793-7580 after November 1.

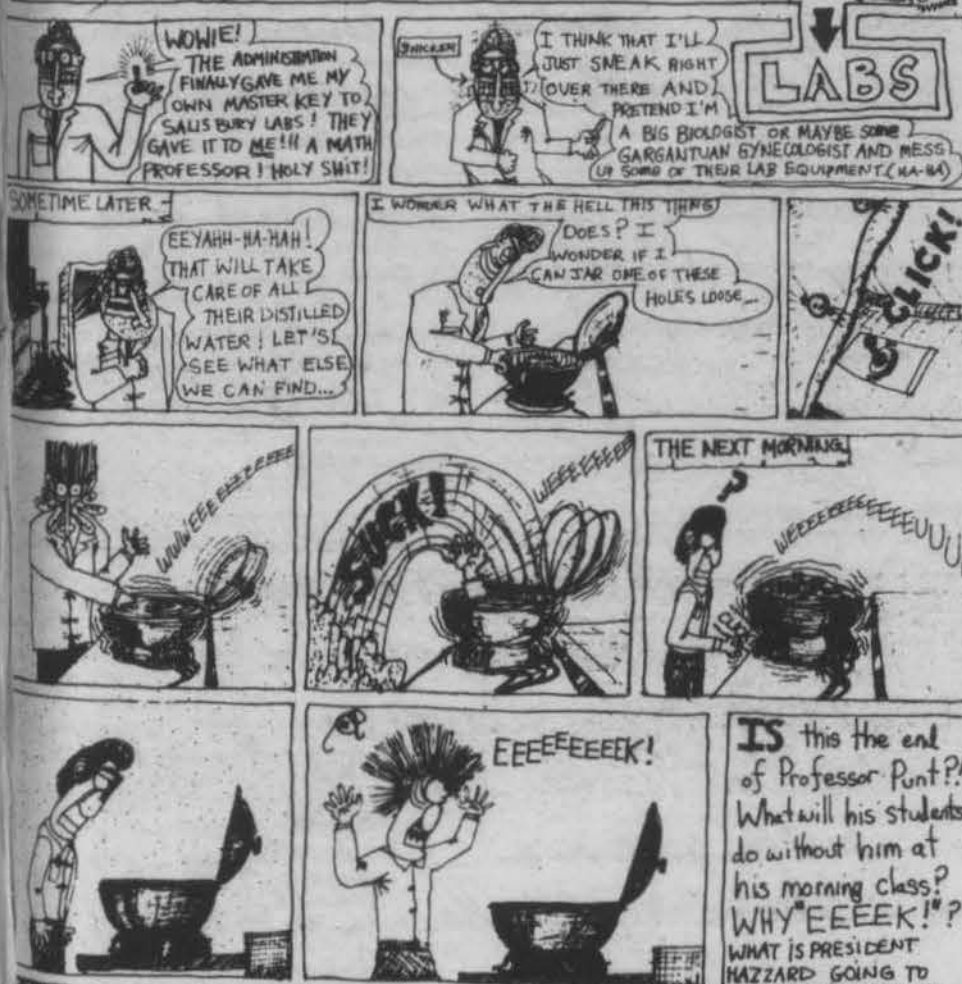
Carol Sica, associate professor and chairperson, Theatre Art Program, is director of the play. Its title refers to a high school experiment in which marigolds,

subjected to radiation, produce curious mutations.

"The experiment is used to illustrate the selective and particular exposures to narrowly accepted social behavior, moral norms, sex roles and the expectations of the three women who dominate the play, Beatrice Hunsdorfer and her daughters, Matilda and Ruth," Ms. Sica says. "The effect of this exposure differs with each character but serves to expose the stunted, traumatized quality of their lives."

Cast members are Bev Larson '78 as Beatrice; Amy Magram '79, Ruth; Randi Jean Sobol '78, Matilda; Liz Bergen '80, Janice Vickery; Ethel Ames Baker '77, Nanny the boarder.

PROF. PUNT VISITS ITS SALISBURY



IS this the end of Professor Punt? What will his students do without him at his morning class? WHY EEEEEEEK!?

WHAT IS PRESIDENT HAZZARD GOING TO THINK WHEN HE READS: "HOLY SHIT!"

THE ANSWERS TO THESE QUESTIONS MAY OR MAY NOT BE FOUND IN THE NEXT EXCITING EPISODE!!!

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PG Mon.-Fri. Sat., Sun. 2:00, 7:00, 9:20 2:00, 4:30 7:00, 9:20

Midnight Show Fri. & Sat. 11:50

TWO MINUTE WARNING

2:30, 4:50 7:15, 9:35

"CARRIE"

Mon.-Fri. Sat., Sun. 2:00, 7:30 9:30 2:00, 4:00, 6:00 8:00, 10:00

WALT DISNEY PRODUCTIONS

GUS AND GERTIE

PETER PAN

Peter Pan Gus 2:00, 5:20, 7:20 3:30, 6:40, 9:00

CAR WASH ENDS THURS.

2:00, 7:30, 9:30

CINEMA ONE

WEBSTER SQ. 753-3040

\$1.50 TODAY UNTIL 9:30 P.M.

MARATHON MAN

Mon.-Fri. 2:00, 7:20 9:40 Sat., Sun. 2:15, 4:30 7:20, 9:40

A thriller

One of our presidents is missing

As you've probably noticed, the last few issues of *Newspeak* contained quite a few stories concerning security here at W.P.I. After reading these various accounts, I decided, last Tuesday, to talk to President Hazzard, and ask him his opinions on what could be done to improve this potentially dangerous situation. Not wanting to barge in unannounced, I called his secretary to see if he'd be available that afternoon for an interview.

"If you'll hold, I can check with Mr. Hazzard," she said, putting down the receiver with a clank. I heard a door open and then a scream that sounded like a mutation of the warning klaxon of a submarine. I immediately dropped the phone and dashed blindly across the campus to the Project Center, which, to my amazement, was missing the upper left hand corner of its top floor! Sure enough, there was the President's secretary clinging to the doorknob, and swinging in the abyss of what used to be George Hazzard's office!

After hauling in the hysterical young lady, I called the Security extension to report the incident. How do you explain that an entire office had vanished, lock, stock and dictaphone?

"Officer, it seems that President Hazzard's office has, ah, vanished."

"O.K., can you give me a description of the missing property?" he asked.

"Just a minute. I'll have to get a list of things from the President," I said.

Turning to his secretary, who had calmed down somewhat, I asked her where President Hazzard was. She just sat there for awhile, staring blankly into space, and then said, "I don't know. The last time I heard from him was last night, around ten o'clock. He called me at my home to ask about some file he needed to write a report. He said he'd be working late."

"Has he been in at all this morning?"

"I suppose so. I got here just as you called, and his door was closed, so I assumed he was inside."

Growing more alarmed by the minute, I picked up the other phone and dialed the Hazzard home. No, Mrs. Hazzard hadn't seen her husband since late last night, when he went over to his office to do some work. When she got up this morning, he had already gone. I thanked her, and returned to the desk sergeant on the other line.

"Sergeant, from what I can tell, we're missing some paintings, filing cabinets, a rug, a desk and our President!"

"Right," he shot back. "Can you give me any serial numbers on that President?"

For God's sake, man, someone's stolen the President! Do you realize what this means?"

"Yeah, I see what you mean. I don't think our policy'll cover a President, unless

he's taken out of the trunk of an official college vehicle, in which case we can get up to 80 per cent of his replacement value."

"Look," I screamed, "we're not talking about a chain saw, we're talking about George Hazzard! If we can't find him who'll make all those speeches on Parent's Day? Who'll we get to tell corny jokes to prospective freshmen? George Hazzard is as irreplaceable as the Goat's Head as a symbol of this school!"

"I guess you're right," he said. "What do you think we should do?"

"First thing to do is call the Worcester P.D.," I suggested. "Get your man out and search the campus for clues, and report back here if you find anything."

"Right, kid," he snapped back, hanging up with a sharp click of the heels. I started to look around the empty office for clues. I noticed that the area surrounding the door lock was scratched and broken, indicating definite forced entry. There were also a series of long scratch marks on the floor, probably from dragging furniture out of the room. A one man job, but definitely professional work, I concluded.

Just as I was finished my inspection, a big black Lincoln screeched to a halt in front of the building. Seconds later, into the room burst a figure familiar to every red-blooded T.V. fan.

"McGarrett, Worcester P.D.!" he announced, flashing his badge in my face.

I was totally stunned. "What was Steve McGarrett, famous Hawaiian crime buster, foing in Worcester," I asked myself?

"We took care of all the hoods in Honolulu, so we're working our way east! We got a call on a hot 459 as we were going through Jersey, so we came up the Mass. Pike, code three. Where's the crime scene?"

"Right here, I said, showing him the empty space where the office used to be.

"Dano, I want a lab team to go over this place with a fine tooth comb. Chin, take Duke and some W.P.D. men and get statements from everyone within a two block radius of this area. You, kid, I want to know just what was taken from the alleged office.

"Among other things, our President."

"Right! Dano, looks like we've got a 411-GTA on our hands: Grand Theft, Administration! Check with the F.B.I. for a list of anyone in this area who uses that M.O. I'm going to Boston to check with the Governor. I'll try to get the names of any fences known to have handled hot college presidents in the past. There'll be a meeting of all Five-O personnel at zero-nine hundred!

"Huh?" I asked.

"Nine o'clock to you civilians!" he said, departing in a cloud of dust, accompanied by the sound of screeching brakes and the smell of burning rubber.

"Gee, I love that kind of talk," said the Security Sergeant, who had just arrived on the scene.

"What took you so long?" I asked.

"Ah, it seems that when I went out the office door, I noticed that our cruiser was, ah, shall we say, not where we left it."

"What you're trying to say is that somebody swiped the squad car?"

"Right," he said, without much conviction.

"We've also got reports from other departments indicating that several thousand dollars of material was taken from various locations last night, including five hundred pounds of Swiss cheese, and a dozen loaves of rye bread from the dining hall!"

This is it, I said to myself. They can steal anything they like, but when it comes down to taking the Swiss and rye that was for my pastromi sandwiches, I draw the line!

I scoured the campus relentlessly for the next hour, taking stock of the situation. Missing were three cases of beakers from the Chem stock room, a dozen empty kegs from the Pub, three gross of paper clips from Harry Thompson's desk, the tackling dummies from the football field, 5,000 back copies of *Newspeak*, two DEC-writers, and, last, but not least, our very own airplane propeller sculpture from in front of the library. I headed back for the big meeting with McGarrett, trying to figure out if we were looking for a devious criminal mastermind, or a frustrated contestant from the Freshman Scavenger Hunt.

I was a few minutes late, and McGarrett had already begun showing slides of some particularly shifty characters.

"...and this is Vinnie 'The Schnozz' Puntatillo, reputed head of the biggest east coast ring in the administration black market. Vinnie usually sticks to administrative secretaries, but he's been known to take on an occasional V.P. if the money's big enough. Maybe he decided to get into the big leagues."

"Right, Dano, especially with the recent rise in paperwork. The Governor let me in on some new plans that the Feds are putting in next month that'll increase the paperwork for a college threefold! It's rumored that a few of the big operators like M.I.T. have put out contracts for good administrative help."

Just then, Dean Boltz burst into the room to announce, "Gentlemen, I'm afraid I've got some more bad news. The fourth floor of Salisbury is starting to cave in!"

We immediately jumped out of our seats and ran across the plaza to Salisbury, and then up to the fourth floor landing, where several of the professors were discussing the situation.

"Strange," said the first, "it's as if a large load had been placed directly in the middle of the floor."

"Obviously due to some new phenomenon concerning chemical changes occurring in the structure of the wood!" exclaimed the second.

"Stand aside, gentlemen," ordered McGarrett. I followed closely on his heels, hoping to get an exclusive on the story. We were hardly prepared for the sight that met our eyes!

There, in the middle of the floor, was something that looked like a cross between a mouse, a kangaroo, and a rabbit! Surrounding him was, sure enough, the entire catalogue of missing material, including the disassembled Security cruiser, and, sitting on a spare tire, munching some cheese, George Hazzard!

"Looks like you've got your 'man', McGarrett," I said.

"Book him Dano, Conspiracy to Start an Unlicensed Junkyard, One."

"That will be quite unnecessary, gentlemen," said a man coming up the stairs. "Herman, there you are! Bad boy, taking all those things from the nice men!" Turning to us, he said, "You see, gentlemen, Herman is a rare form of 'Packratius Giganticus' that we've been studying as a Life Science project. Last night he somehow slipped the lock of his cage, and, well, you see the results. Industrious little devil, isn't he? Come along, Herman, back to the lab!"

The packrat followed his friend down the stairs, taking along a loaf of rye bread to munch on as he went. McGarrett surveyed the scene, and said, "O.K. Dano, that wraps up this case. I got a hot tip that some of the syndicate boys were laying out heavy money for a mag card operator at Georgia Tech. Let's roll!"

Thus ended the great disappearing President mystery. Next week, we reveal how Security got their squad car downstairs and back together again.

Be there! Aloha.

Tom Daniels

SATURDAY NIGHT, November 20, Monte Carlo Night at Assumption College at 7:30 p.m. Prizes and refreshments.

SENIORS & GRADUATE STUDENTS
The Society for the Advancement of Management
along with
Lambda Chi Alpha & Phi Sigma Kappa
will be presenting
Dr. John Clizbe of Nordly-Wilson Associations
Organizational & Clinical Psychologist

Speaking on "The Aspect of Recruiting from the Standpoint of the Person Being Recruited."

Thursday, Nov. 18

7:00 p.m.

Olin Hall

Followed by Career Discussion with W.P.I. Recent Graduates: CLAIROL: John Heid, John Casey; POLAROID: Anne Madera; CHEESEBOROUGH PONDS: Ray Houle; A.T.T.: Rick Predella.

URGENT

NEED FOR USED HISTORY TEXT

Carroll W. Pursell, Jr. **READING IN TECHNOLOGY AND AMERICAN LIFE** (New York, Oxford University Press, 1969) paperback. (Previously used at WPI for HI 3421 and HI 3431)

Due to a publisher's error, LESS THAN HALF of the total number of copies of this book needed for Term B are being shipped to WPI. If you have a used copy of this book, and if you do not need it, you will be doing both yourself and one of your classmates a favor if you will make it available for sale via the APO Book Exchange. (Details of this Exchange appear elsewhere in this issue.)

Sunrise Semester
(A mini-lesson in Tequila mixology.)

Lab work: Mix 4 oz. of orange juice with 1 1/2 oz. Tequila in a glass with ice. Pour in 3/4 oz. Giroux Grenadine.


Results: The Tequila Sunrise. Now stir the Sunrise and enjoy it.

Final: O.J. - 30%. 10 points for using concentrate, 20 points for regular, 30 points for freshly squeezed.

Tequila - 40%. 40 points for the best Tequila, 50 for making your own.

Grenadine - 30%. No points for ketchup or tomato juice.

30 points for Giroux Grenadine.



For a free booklet on mixology write: GIROUX, P.O. Box 2186G, Astoria Station, New York, N.Y. 11102. Giroux is a product of A-W BRANDS, INC. a subsidiary of IROQUOIS BRANDS LTD.

SPORTS

Booters gain finals

by Coke

The WPI soccer team continued its winning ways by defeating a strong Westfield State team 4-3 in the first round of the NCAA division III soccer tournament.

The game was played on Westfield State's astroturf surface, which was glazed with ice at game time.

The momentum came back to WPI as the spectacular soccer skill of John Pavlos was again exhibited. Pavlos dabbled through the Westfield defenders alone and drilled a left-footed shot into the top right corner of the goal for a 2-1 WPI lead, which stood until half-time.

WPI came out charging in the second half and was rewarded when a low, hard

The WPI team was playing confused soccer at this point, and soon a penalty shot was awarded to Westfield for a tripping infraction in the WPI penalty area. It appeared that WPI's goose was cooked and that the victory was going to be snatched from our grasp but goalie Bob Grotchmal made a fantastic diving save of the penalty shot to give WPI new life.

The remainder of regulation time was consumed while on defense as Westfield made their bid for the win. The defense was leaking but Grotchmal made repeated save of Westfield bullets.

Regulation time ended with Westfield forwards swarming around the WPI net

human effort to stop yet another goal-scoring bid.

WPI held on for the remainder of the fourth overtime period, and thus the game was to be decided by penalty kicks. Five members from each team were chosen to take a penalty kick (12 yards from the goal line) and the team that scored more times would win the game. John Pavlos and Leo Kaabi scored on their penalty kicks and each team had 2 scores after four kicks. Steve Superson had the pressure on him and converted on WPI's fifth kick to give us the lead 3-2. Westfield's leading scorer was taking the last kick. He had previously taken the penalty kick near the end of



John Pavlos battles for the ball.

WPI jumped on top early as John Pavlos headed in a corner kick by Steve Superson approximately five minutes into the game. The first half was a good one for WPI as their aggressiveness did a good job of preventing Westfield's ball control from dominating play and gave our forwards some good scoring opportunities.

However, later in the first half the Westfield passing game was putting a lot of pressure on the WPI defense, and a shot finally went in to even the score at one piece.

Pistol team wins 20th

by Mike Wagner

The WPI Pistol Team won its twentieth straight match last Monday night by soundly beating Morgan Pistol Club 1354-1230. This unprecedented feat was accomplished by some fine individual efforts and a big turnout of WPI shooters. Twenty shooters showed up to Morgan's eight, we did have them a bit outnumbered. The team scorers were: Walt Kistler 286-6X, Vance Carter 279-2X, John Caulmare 265-0X, Mike Wagner 264-7X, and Doug Christensen 260-5X. This season the club has six wins no losses and this, added to the fourteen straight wins that ended the 75-76 season, accounts for the twenty straight.

Last season was a very successful one for the Pistol Team. In the Worcester County Pistol League the team finished

shot by Steve Superson was deflected into the goal by a Westfield defender. It seemed at this point that WPI was home free with a two goal lead. But the superior individual skills of the Westfield players and their determination was soon giving WPI headaches. The icy surface and refined moves of the Westfield players had WPI defenders running in circles as they completely controlled the game. Westfield scored two goals within a five minute span and had everything going for them.

Photos by Lewis Pettingill



Dave Bachiochi and the WPI defense thwart the Westfield attack.

and WPI struggling to hand on — clearly Westfield had the momentum going for them and looked ominous as sudden death overtime began.

Again, Westfield was on top, controlling the game and having many goal-scoring chances. Bob Grotchmal was phenomenal in these overtime periods as he repeatedly punched out shots that were sure goals to keep WPI in the game. The overtime periods were spent almost completely on defense, interrupted by a couple of rushes by John Pavlos. These were all stopped — he was being triple-teamed as the defense sagged to try to hold on.

Once again, Westfield put another goal-scoring chance on net, but Grotchmal was out of position and Brad Prouty knocked the shot away with his hands, setting up another penalty shot. This occurred in the fourth 15 minute overtime period. It appeared that once again this game was over, but Grotchmal came up with a super-

regulation time that Grotchmal had saved, and had scored a total of 76 goals in his college career. This shot went over the net and the WPI players and fans mobbed Grotchmal as the celebration began.

The fans all agreed that this was probably the most exciting game they had ever seen. It was truly fantastic as Westfield was superior than WPI in soccer skills and was top-ranked in the tournament while WPI was ranked fourth. It was the teamwork and hustle of the WPI team that gave us the victory.

WPI will play Brandeis this week to determine the New England division III champ. The winner will go on to participate in the NCAA national tournament in Elizabethtown, Pa.

Our fans at the Westfield game were a great help by backing us up and they were rewarded with a fine soccer game. We need similar support in the Brandeis game, so stay alert for information that will be posted on campus.

Editor's Corner

by Wheels

It is time that the students of WPI showed their enthusiasm and support for one of our athletic teams. Coach Alan King and his Booters will compete in the New England Division III Regional Championship Final against Brandeis University on Saturday, November 20. The game is to be played in Waltham, on Brandeis' home field. Needless to say, the Judges will have a great many fans to cheer them on.

Well, it's time the engineers were not outdone. Let us go, en masse, to Waltham with noisemakers, signs, banners, and any other device to create as loud an atmosphere as possible to cheer on the boys. Let the team know that Brandeis will not have the home field advantage — at least in the stands. Plenty of announcements will be made to inform us of student buses (notice the plural form — not just *one* bus); times of departure, cost of admittance, etc. The cost for the Westfield game was \$1 for

the bus, \$1 for admittance. The soccer team is worth much more than a mere two bucks of our time.

This school needs a champion. With support, the soccer team will rise to the occasion.

Also, laudits go to Women's A.D. Sue Chapman for her hard work during last weekend's Women's Intercollegiate Volleyball Championships. Congratulations to all the winners, to the WPI women's team, and most of all, to Sue Chapman.

Finally, I would like to fill in an omission I made in last week's Editor's Corner. The winter sports scene also includes the fine wrestling team led by that midget of a man, Coach Phil Grebinar. This team is one of the most successful winter clubs, so watch for upcoming matches against very formidable opponents.

Let's cheer the soccer team on to Elizabethtown, Pa., and a national championship.

Cross country breaks even

The final meet of WPI's 1976 cross country season was run last Wednesday against Trinity and Amherst, at Trinity. Despite all the snow we had around here that day, not a flake was to be seen (except for Trinity's coach) down in Hartford where the meet was held.

Amherst just barely won by two slim points to beat WPI 27 to 29. Trinity was a distant third with 85 points. This brought WPI's final record to eight wins, eight losses.

Freshman Candy-Clipto John Turpin ran extremely well, as he had all season, finishing first and setting a new course record in the process! One can only speculate upon the reason for his great success this season, however it is known that a certain fluid, which John has developed a remarkable taste for, kills brain cells; and you've heard the saying — no brain no pain...

Crowning off his season, "Burger King" Frank Leahy ran a great race to get third. Fred Marrotta culminated his season of steady improvement by grabbing sixth. As for Pete Kane in eighth, well, let's just say that it's evident he shows more promise as a writer than a runner. He should probably give up running and devote all his time to literary pursuits. Perhaps the *National Enquirer* or *Mad Magazine* will hire him.

Next, in 11th was Johnny "O" Osowski, Norm Guillemette in 13th, Ed Szkutak - 14th, Jim Drumm - 15th, Tom Horgan - 18th, Steve Sweeney - 21st, and in infinity, so to speak, was Eric Thompson.

Eric Thompson deserves congratulations for upholding a fine tradition which was begun last year by Paul Grogan. He may very well be the hardest senior on the team to replace. Any junior who hasn't gone out for cross country before, but would like to next year just for the hell of it, is urgently needed to take his place.

ALL GO PLAYERS — Join us every Friday noon for a GO session in the Physics Library (Olin Hall). Bring your lunch and your GO set if you have one.
A. Walther (PH)
W. Egginmann (EE)

SCHOOL VOLUNTEERS for Worcester — become a school volunteer, help teach children grades K-12. For information contact Mrs. Spaulding at 798-2521 or Dan Casey at Box 910.

Competency Exam Results for October, 1976

DEPARTMENT	AD	AC	NR	TOTAL
Chemical Engineering	0	0	0	0
Chemistry	4	1	2	7
Civil Engineering	0	1	1	2
Computer Science	2	0	0	2
Electrical Engineering	2	7	5	14
Humanities	0	0	0	0
Interdisciplinary	0	0	0	0
Life Sciences	1	1	0	2
Mathematics	3	6	4	13
Management Engineering	0	5	1	6
Mechanical Engineering	3	6	4	13
Physics	2	2	1	5
Total	17	29	18	64
	(27%)	(45%)	(28%)	

What's Happening?

Tuesday, November 16

WPI Business Women's Club, "The Art of Breadmaking," with Sally Demetry, Higgins House, noon.
The Class of '78 presents "Jim Mapes — The Power of the Mind," Wedge, noon, and The Pub, 8 p.m.
Life Sciences Seminar, Artificial Cells — Principles, Present, Applications, and Future Perspectives," Dr. T. Chang, McGill U., Kinnicutt Hall, 4 p.m.

Wednesday, November 17

ACS Meeting, Inorganic Chemistry, Synthesis and Biochemistry," Goddard Hall, 8 p.m.

Thursday, November 18

Faculty Meeting, Alden Research Labs, 4:05 p.m.
ASME Meeting, "Sail Planes," Morgan Hall, 6 p.m.

Friday, November 19

Play, "Summertime," Fenwick Theater, Holy Cross, 8 p.m.

Saturday, November 20

Regional Environmental Council, Symposium on Energy Conservation, Kinnicutt Hall, 12:30-4:30 p.m.
Fencing vs. SMU—Dartmouth (H) 1 p.m.
"American Standard," The Pub, 8 p.m.

Sunday, November 21

Lens & Lights movie, "The Sunshine Boys," Alden, 7 & 9:30 p.m.

Monday, November 22

Association of American Colleges Dialogue, noon (through November 23)
WPI Reading Workshop, HUMBOLDT'S GIFT; Doretta Mayer, Seminar Room, 7:30 p.m.
Fine Arts Film, "From Here To Eternity," Hogan Campus Center, Holy Cross, 3:45 and 8 p.m.

Tuesday, November 23

Life Sciences Seminar, "Benefits to the Pharmaceutical Industry," Dr. A. Demain, MIT, Kinnicutt Hall, 4 p.m.



Photo by Rory O'Connor

Newspeak

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