

The Tech News

Vol. 61

Worcester, Massachusetts

Tuesday Oct. 6 1970



... on the banks of Institute Pond

Recondos Budget Request Put To Student Vote

by Frank Dempsey

and Glenn White

Serious financial trouble appears to be ahead for the Recondos, as their present budget of \$350 is frozen and unreachable. It will re-main that way until the Tech stu-dent body votes on whether they should receive student funds or not "Club" Different From 'Company' in a special referendum on Oct. .5.

The Student Activities Committee had originally approved this budget, which is twice the previous year's budget. But Paul Ash Chairman of this Committee, felt that the student body's money should not be alloted for this club. He alleges that the activities of the Recondos is basically motivated toward combat training, since their itemized budget includes such items as live and blank ammo (although ammo is not paid for by student funds), camouflage, and smoke granades, and that the Re-condos even practice "taking over" whole town. Mr. Ash believes that the students p taxes to a government which maintains anarmy for these specific reasons. Though he has the support of the majority of the Student Activities Board which the Constitutions require to call back the entire funds from the club, Mr. Ash felt that it would seem to be done for his personal reasons. He therefore brought the matter before the Student Government last spring. After voting by a 4 to 3 margin, they decided that the fina. decision should be left to the students since it is their money.

whose only job is to insure that the plans formulated by the club have a definite purpose, and to keep a watch on the safety of each member. The Recondo's objective as a club is to give individuals a push to do some activity which they would not normally accomplish on their own, Chin said.

Dennis Chin emphasized that there is a distinct difference between the Recondos Club and the Recondos Company in the ROTC Batallion and that the funds received from the Student Activities Committee are not used for any functions of the Recondos Company. The Recondos Company will go on some military maneuvers this fall, which will include such activities as raids and ambushes, patrolling and tracking, and use of man and compass. Many of these activities could serve both military and non-military purposes. While the absolute separation of company and club functions i the most part student activities funds pay for the club functions. Chin added that any activities that require ammunition are company activities and not club activities. The distinction is sometimes hard to define, because most mem-bers of the Recondos Club are in ROTC and therefore also in the Recondos Company. There are, however, at least three freshmen who were interested in the Recondos, but are not in ROTC.

munition used by the Recondos has never and never will be paid for by student funds, but is requisi-tioned from the Dept. of the Army for Recondos Company use.

Last Year's Budget

The Recondos budget request made last spring by two gradua-ting seniors called for \$1006.40 grant from the student Activities Board. Although part of the budget includes \$1192 for ammo, star clusters, grenade stimulators, and clusters, grenade stimulators, and MI explosive devices, the ROTC Dept. sent a letter stating that the ROTC Department would supply the Recondos with 'Only am-munition and certain pieces of field equipment in the future. We will not be supplying them with any monetary support. The ammunition was worth \$1100, according to the budget. The rest of the budget contains expenditures for uniforms office equipment, and equipment for pany and Recondo

Students To Investigate Salisbury Pond Eyesore

by Jean Fraser

and Dave Hobill

For years Salisbury Pond has been an eyesore to the Institute Park Area. Definite attempts by students to clean up the pond have only occured within the year and even these attempts have been thwarted by lack of interest on the past of this work students or lack of sufficient help from city officials.

Attempts Thwarted

Last Spring about 40 Students actually became involved with cleaning up the perimeter of Salisbury Pond after the Park Department agreed to supply a front end loader, a dump truck and numerous had tools. But, this work did not stop the pollution that still flowed into the pond and over the summer the pond again became the familiar unsightly blemish in the park. With the ecological priority

shifting to the Clean Air Car Race, Salisbury Pond was allowed to degenerate to its present state. Worcester Mayor George A. Wells in his speech at the ceremony honoring the members to the Clean Air Car Race indicated that if the students could responsibly attack air pollution, they surely could help clean up Salisbury Pond. At the time this seemed to be only a parenthitical statement

Hire Students Last week, though, a number of students felt that something sould be done with the pond and the polluters of the pond should be located. This feeling came in response to a statement by Mayor Wells in the Spetember 28 Gazette that he would propose at the city council meeting to "hire college personnel in identifying polluters of the pond." Later that evening in an infmal meeting between Rev. Carl Kline of the Worcester Campus Ministry and Student Body President Dave Hobill it wildecided that an attempt would be made for a number of students to appear at the city council meeting.

Kline and Dom Forcella (C.E.'70) drafted a statement which was distributed to the student body in hopes of providing interest in the Salisbury Pond project and the city council meeting. On Tuesday night, about twentyfive students appeared at the city council meeting and Mayor Wells quickly recognized the group. Dave Hobill spoke to the council and "offered the ser-vices" of the WPI students in aiding the health department clear up the mess in Salisbury Pond. Hobbill also stated that there were many other students who were interested in the project but due to previous commitments they were unable to attend the meeting. City manager, Frank McGrath agreed to a meeting between Health Department Officials and WPI representatives later in the week.

Jean Frazer, Charlie Hir-shberg, Glenn White, and Dave Hobill met with City Manager McGrath and Health Depart-ment officials Smith and Riley to discuss what could be done with the pond.

Locate Polluters

Mr. Smith explained that at the present students are needed, but would have to be used entirely on a voluntary basis since the Health Depart ment budget is limited but that equipment and special clothing needed in locating the illegal drains would be furnished. The students effectively would be working in the 7,300 feet of culvert through which Mill Brook flows and investigating the drains that run into the culvert. Riley pointed out that the Health Department was already engaged in this type of work but due to limited per-sonnel. There is much work to be done in this area.

Presently the health department is also conducting dye tests, and is continually sampling the water which flows into the pond. Their findings are sent to the State Department of Natural Resources (Dept. of Water Pollution Control) where they are used as evidence in requiring compliance to water quality control laws

Both Mr. Smith and Mr. Riley said that the Health Department would be available in the near future to present their findings (both in slide and lecture form) to the interested students in order that the students may become familiarized with the present become conditions of Salisbury Pond. and the work now being done by the Health Department in locating the pond's polluters. From that meeting committees will be set up which will work in various areas of the clean up aspect. Announcements of the meeting will be circulated and a good response is hoped for if Salisbury Pond is to be cleaned

On Thursday afternoon Prof. Carl Koontz, Dom Forcella, N.Y. Times Critic Will office equipment, and equipment for field exercises. The budget does Appear In Alden Sunday not make any distinction between Appear In Alden Sunday

Club Becoming Sports Minded

Denis Chin, President of Recondos, stated that during the early times of its six years inexistance, the Recondos did emphasize combat training, since the special forces units were in the spotlight in Vietnam. Now, though some military science is still taught, the club is moving in a sports minded direction. Its aims include mountain-climbing skiing, scuba-diving, and parachuting. The advisor is a military man,

When asked about the possibility that skills taught in Recondos would be used in Vietnam, Chin replied that anything that a person knows can be used under some comditions to save his life, for instance running.

Dennis Chin also said that the budget submitted to the Student Affairs Board includes all equipment used by the Recondos Club and Company. Some of this equipment, however, is requisitioned from the Department of the Army by the ROTC Department. The blank amClub. \$350 was appropriated by the Student Activities Board before it

was decided to bring the matter to a referendum.

Asked about Dennis Chin's comments, Paul Ash replied that judging from the past activities of the Club, the budget they submitted last year, and the Recondos' Club

"I don't believe the Club is sports oriented." He added that Mr. Chin had never approached him to change either the Recondos' charter or budget. Ash also said that if the students did vote to withdraw funds from the Recondos, the Recondos could write a new charter and apply for funds as a new club. Concerning last year's budget, Dennis Chin commented that it had been drawn up by last year's officers who had a different plan from his in mind for this year's activities. He said that he intended to use the money quite differently than was indicated in the budget statement.

Clive Barnes, dance and drama critic for the New York Times, will speak in Alden Memorial Hall at 7:30 p.m. Sunday.

Barnes is seen by many as the most powerful force in the theater today. One producer has said of him, "Barnes is far from being onmipotent but he is unquestionably the most influential critic in the country. His weight can swing a borderline show into a hit ora fail-

His receptivity to innovation in the theater has made New York Off-Broadway theaters metent forces in the shaping of the direction of American theater. His two favorable reviews of the musical "Hair" helped make that show the huge success that it is.

Barnes writes with a light, witty style, and always seems to manage to find something in a play that is worth its performance. He makes certain that his reviews do not give the impression that he is the ulti-

mate authority on drama; instead they come across as the insights of one man.

Barnes has written for many magazines on both sides of the Atlantic, including The New Republic, Life, Harper's, Saturday Review, He was once executive editor of both Plays and Players and Music and Musicians.

He was born in London and worked for the London Daily Express and The Spectator before joining the Times.



Critic Clive Barnes



by Stephen Page

Sarasota, Fla. - (I.P.)-Students at New College now have to negotiate--and also satisfy--"contracts for learning" drawn up between themselves and faculty sponsors.

The learning "contract" program works this way: Every student in good academic standing has the opportunity to select two faculty sponsors and with their help to write a "contract" for learning which will define his or her program for the next three months. With his sponsors, he will design a program which fits his needs and

desires. This can involve participation in a group of seminars, classes or tutorials. Or, it could consist of a single project to be carried out independently--in consultation, usually, with his sponsors or with any other faculty member, or even another student, agreed upon in his contract. It may even involve him in off-campus study. (except in the first year). Or, it may mean work at another institution.

The mechanics of the contract program operation are not only simple but are subject to infinite variation, limited only by the imagination of those involved (and to some extent, though not entirely) by the

resources of the college. The rationale behind the contract program is simplicity itself: to give the student both involvement in the design of his education and responsibility for achieving the ends he has selected.

It is the firm belief of the faculty and the students--who designed the program--that it places responsibility where it belongs, squarely ou the student-faculty relationship which is indispensable to learning. It assures a close working relationship between student and teachers, since not only the contract preparation but also a midway check-point meeting and finally the end-of-term evaluations will be mutually arrived at

Another reason for creating the contract plan has been the need for an adequate structural framework for interdisciplinary programs. The program requires disparate subject matter to be related in meaningful ways, not random ones, since the spirit of the contractural relationship is dominated by the eventual educational intent of each student and tempered by the experience of two or more faculty guides.

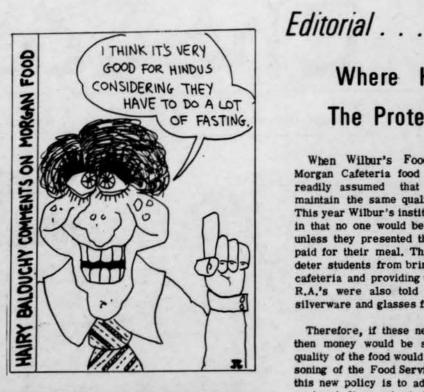
Selinsgrove, Pa. - (I.P.) - Susquehanna University has been awarded a grant of \$7,500 to conduct a three-year study of volunteer social programs conducted by its students in the surrounding community. The grant was provided by the Board of College Education and Church Vocations of the Lutheran Church in America. During the course of an academic year, some 275 to 300 students from the university donate several thousand hours of their time to such programs as tutoring retarded children and conducting day care centers for the children of migrant farm workers.

Interest in these programs have grown rapidly in the past few years as university officials believe it is time for an evaluation. Charles J. Igoe, assistant professor of education and co-ordinator of the volunteer programs, said the evaluation should provide answers to some of the

following questions: How effective are these programs? Are they providing an educational How effective are these programs? Are they providing an educational experience for the students that are involved? What types of students are most likely to participate? Has there been any effect on the grades of the students and their "classroom vitality"? Could academic credit be granted for some of the volunteer work? What other programs could be initiated?

Speaking at a meeting of Susquehanna's 55-member Advisary Council, Igoe discussed the demand of students for "relevancy" in education. He remarked: "What today's student wants--right now -- is academic relevancy through some form of personal involvement. It seems to be an ever growing and primary concern of today's undergraduate that, no matter how small a part he might play in such an involvement, he wants the personal satisfaction of knowing that he personally is doing something to make the world just a little brighter."

Vol. 61 Tuesday, Oct. 6, 1970 No. 18 Glenn White Editor-in-Chief 754-7412 lanaging Edi



Each age and generation must be as free to act for itself, in all cases, as the ages and generation which preceded it . . . Man has no property in man; neither has any generation a property in the generations which are to follow.

- Thomas Paine, 1776

Where Have All The Proteins Gone?

When Wilbur's Food Service renewed their Morgan Cafeteria food contract this year it was readily assumed that the meals would at least maintain the same quality that existed last year. This year Wilbur's instituted a rew get tough policy in that no one would be allowed into the cafeteria unless they presented their food service cards or paid for their meal. This policy was supposed to deter students from bringing their friends into the cafeteria and providing them with free meals. The R.A.'s were also told to watch students taking silverware and glasses from the cafeteria,

Therefore, if these new policies were effective then money would be saved and presumably the quality of the food would improve. So went the reasoning of the Food Service. But, the only result of this new policy is to add confusion to the already confused lines of students that wait for their meals. They never got better. In fact, the quality of the food has reached its lowest point in at least four years. The potatoes are starchier, the roast beef fattier, the pancakes heavier, and the egg jello (scrambled eggs) appear more frequently. For some reason one can eat all they want and within a few hours feel hungry again. The snack bar is continually filled with people looking for better food or to fill their stomachs.

Seemingly Wilbur's Food Service is making quite a profit on the students who pay \$580 a year for food that should be nutritious enough for active bodies. Money is being saved on utensils not stolen, the smaller glasses, no free meals, lower quality food and less people going back for seconds.

It is about time that the students eating in the cafeteria do something to end the exploitation that is now occuring. Even if the claim that the food is still nutritious is true it is also true that the food is much less appetizing. The quality of the food has been steadily decreasing and promises of better food seem to be fading into a fog. D.H.



hanaging Editor Paul Evans
News Editor
Features Editors Paul Cleary, Dave Hobill
sports Editors Don St. Marie, Frank Steiner
Copy Editor Richard DuFosse
Makeup Editors Alan Dion, Nora Blum
Bhataganhu Editas
Photography Editor Al Shapiro
Jusiness Manager Ben Katcoff
Advertising Manager
Circulation Manager Todd Benjamin
Faculty Adviser Prof. S. J. Weininger
Tuning Fally set to the set of th
Junior Editors Jim Colangelo
Richard Logan, Brad Millman, Jeff Petry, John
Woodward.

John Bower, Tom Carrier, Joyce Caplovich, John Kaletski, Dave Martin, Jack Matte, Tony Mattera. Bob Rosenberg, Jim Pinzino, Jay Schnitzer, Steve Strout, Fred Suzfnorowsky, Bob Williams, Joe Kaye, Vinnie Colonero, Mike Murphy, Charles Brine, Lee Small, John Cheney, Jerry Petit, Mike Benoit, Ron Fargnoli, Steve Page, Frank Dempsey, John Swan-son, Ron DeMarcles Staff.:

The TECH NEWS of Worcester Polytecnic Institute is The FECH NEWS of worcester Polytechic Institute is published weekly during the academic year, except during college vacation. Editorial and business offices are located in Daniels Hall. West Campus. Second class postage paid at Worcester, Mass., and additional mailing offices. Subscrip-tion rate \$4.50 per school year; single copies 20 cents. Make all checks payable to Business Manager.



friday, october 23, 1970 / 8.30 p.m. harrington auditorium / tickets \$3.50 available at sunflower / whole earth / charlie bean

TICKETS FOR TECH STUDENTS \$2.50 AVAILABLE AT BOOKSTORE



What would happen if some sort of challenge were raised to the prevailing myth that Tech is a conservative campus? Were the Tech community to assemble on the Plains of Hazzard (the quadrangle) there to declare themselves, I dare say a considerable majority of people would summarily rise, and with a show of genuine modesty proclaim (as the ghost of Dwight Eisenhower looked on ap-'extremes" of a given issue. They would claim to be neither left-liberal nor conservative, prefering to be thought of a Moderates, content to steer away from those strange dark waters wherein they believe lie the hungry sea monsters Dogmatism and Narrowness.

It is my contention that the wellsprings of informed conservatism feed those currents the Mo-derate majority call their own: the principles of constitutionalism, of order, and of tradition as well as faith of people, in liberty, and in God. It is my further contention that there is on this campus no effective lobby dedicated to the preservation of these institutions as an integrated whole. Which is to say, there is no one to tell us when we are doing things out of principle as understood above, or out of a personalized sort of ethic, which our community haphazardly wrought of convenience and compromise.

It is a common understanding that the problem of keeping our faith is not new, that indeed thousands of years before any of us were born men of august powers agonized over this problem. But we needn't resort to a bogus Hitler quote to quantify the forces nowadays involved. Jefferson will do:

'Men by their constitutions are naturally divided into two parties: 1) Those who fear and distrust the people, and wish to draw all powers from them into the hands of the higher classes. 2) Those who identify themselves with the people, have confidence in them, cherish and consider them as the most honest and safe, although not the most wise depository of the public interests. In every country these two parties exist; and in every one where they are free to think, speak, an write, they will declare themselves." (Letter to Henry Lee, 10 August, 1824)

How have they declared themselves in our own time? Reducing the panorama to a highly localized view of things, how have these two parties declared themselves right here on the campus? Here and there the rhetoric is obscuring, but the general trend of events does afford us some useful insights. One would think, for instance, that such an enlightened body as our student Executive Committee would oppose any sort of authoritarianism such as is feared by Scanlan's (Agnew is going to strike down the Bill of Rights) Monthly. But there are lapses. In the name of "efficiency" we have a referendum proposed, the idea of which is to"...make frequent referenda unnecessary, by removing the student's power of amending the old document (the Student Government constitution) from the students en mass to a three-fourths vote of the Executive Committee itself." One can imagine what would happen if, say, Nixon proposed in the name of efficiency that it be permitted three quarters of Congress the power to alter the constitution, superceeding the role of the states. Why, Charlie Brine might even be moved to declare that Fascism is coming to our land.

And we have the proposal to make legitimate a segment of the personalized ethic of Mr. Paul Ash, Student Activities Board Chairman, Mr. Ash wants to withdraw ch misidentified as "...an ROTC group." Now it so happens that the Recondos technically qualify for Club funds, even as does the Ski Club. However, in the words of Mr. Ash, "1) The motives and activities of this organization are immoral; 2) student tuitions should not go toward military organizations." Why immoral? "... The intent of the club is to train its members in 'hand to hand combat' and general warfare." "I do not see how we can let any campus club practice methods of taking human life. This is immoral and against God's creation," It does not matter to Mr. Ash that the Recondos do not actually take life, the violation. Moses made when he led his robust little army post-Sinai. It merely matters that they practice the methods. Mr. Ash asks us, then to elimination of the right of free association presently permitted under the rules and recognition of Tech and its student government.

Letters ... "Quinn to Speak"

To the Editor

Massachusetts Atorney General Robert H. Quinn will soon be speaking to the citizens of the college communities in Worcester. One of the topics he will discuss will be the Shea Bill which tests the right of a US Secretary of Defense to send Massachusetts citizens to Vietnam before Congress has formerly declared war.

The visits to Worcester college communities will highlight Attorney General Quinns efforts to personally inform citizens of his efforts as the lawyer of the people of Massachusetts and to educate himself as the Attorney General to what his clients expect of him as his lawyer. Attorney General Quinn encourages students in the Worcester Tech

community to actively participate in his efforts to win the election of November 3, 1970. Students wishing to answer this invitation may contact Robert Sullivan, 3 Norcross Street Worcester at 753-3537 or visit the Quinn Headquarters in downtown Worcester next to 340 Main Street, across Main Street from Barnards.

Very truly yours, **Kevin Riordan**

"Show us Your Clark Pack"

It is a sad fact that the majority of the world's children today are poverty stricken. Every day these children are threatened with one disease or another. Where they live, medical care is inadequate. Hunger is a way of life. Getting clothes to wear is almost impossible. There one hope is you. This year Clark Gum has agreed to give 2 1/2¢ to UNICEF for every empty Clark Gum or

Clark Diet Gum pack that you send them. The UNICEF goal is a world of healthy, happy children, and this is one easy way you can help.

The empty packs you send will buy food, vitamins, clothes, and lots of other things for needy kids.

No amount is too small. One empty pack will provide a child with a quart of milk. Two empty packs buy enough vaccine to protect a child from diphtheria, whooping cough, and tetanus.

No where else can so little go such a long way. But this offer expires Dec. 31, 1970, so don't waste it --- get moving now We want to send a whole box full of empty packs from tech. Bring your empty packs of Clark Gum to:

Mike Davis

Thanks for Blood (The following letter was passed on by Dean Trask) Dear Dean Trask:

For the first time in recent years, the Blood Bank at the Memorial Hospital was obliged to issue a special appeal for donors to meet an emergency need on September 23, 1970 Seventy-nine people presented themselves during the 24-hour period and sixty-four donors contributed.

On behalf of the patients and their families, I would like to express our appreciation to Worcester Polytechnic Institute for its cooperation.

Would you please convey our thanks to all who assisted us in effectively meeting this crucial need.

David A. Barrett Friendly House?

On the bulletin board outside the bookstore, among all the other notices calling for people to volunteer as tutors at the Oak-Hill Friendly house. The work consists of working with one child in the 10 to 12 age group who is slower than most in his age group, is from a high pressure home or can't speak English very well.

Upon calling up the directors of the program, I found there was a serious shortage of volunteers. It seems that alot of people offered their services, but when they found there was no money in the deal they resigned. It seems to me that in these days when was is condemed, brotherly love is emphasized. and the establishement is criticized for the value it puts on money, a situation like this should not occur.

Speaking from experience I say that work of this type is very rewarding and would like to urge students at W.P.I. to consider participating in this program. Anyone interested can contact me at T.K.E. or go straight to the Director of the Friendly house.

> Sincerely yours Jeff Askanazi

We Want You To Join Our Church As An



Lare a non-structured faith, undencommational, in no traditional doctrine or dogms. Our fast wring church is actively seeking new ministers to believe what we believe, All men are entitled their own convictions. To seek truth their own yr, whatever it may be, no quest ions asked. As a unister of the church, you new? 1. Start your own church and apply for an emption from property and other taxes. 2. Perform marriages, langetan, functions. 3. Entity reduced rails from some modes of transportation, some theaters, stores, hotels,

4. Seek draft exemption is one of our work-ing missionesise. We will tell you how Enclose a frae will donation for the Minister's ordentials and license. We also issue Doctor of Divinity Degrees. We are State Charterest and your ordination is recognized in all 50 states and most foreign countries. FREE LIFE CHURCH-BOX 4039, HOLLYWOOD, FLORIDA 33023.



The rash of politically motivated bombings that occurred during the past six months leads one inevitably to wonder what kind of a person is to want to blow up a building and why. The First National Spiro Agnew Encyclopedia of Radiclibs describes a bomb thrower as: "a 19-year old. white college student with effeminately long hair; a large, unkempt filthy beard; wire-rimmed glasses and a blue denim jacket. He manages to maintain a perverted form of existence predominantly inthe northeastern section of the country, by selling dirty books and communist literature to young innocents, His mind has been irreversibly destroyed by large quantities of drugs which "

Armed with this description, I made it my assignment for the week to find Worcester's "Mad Bomber," the same individual who it is rumored is at this instant plotting a bombing of Notis Pizza as a strike for Italo-American liberty.

After several days of questions and visits to the most degenerate sides of this city (of which there are an infinite number), I found the man I was looking for. Oddly enough, the Vice-President's description was not entirely true.

Karl, the bomber didn't seem to like it when I first referred to him as "Mad" for short, is 36 years old, a graduate of Boys' Trade, and spends the winters in the Bahamas on a house boat he once won on Let's Make a Deal.

His beard is hardly large and unkempt, indeed it is rather short due to the unexpected trimmings it often gets in the bomber's line of work.

Karl's apartment is in the basement of an old house in the Main South area of the city. As I entered his living room-chemistry lab, the smell of gasoline was overpowering. I noted that there were no ash trays in the apartment.

I asked the bomber exactly what he hoped to achieve by blowing up buildings. "We have to smash the fascist state", he said. The fascists in this country are everywhere. We have to begin the revolution now and let the masses see that the establishment can be toppled ... "

I asked about the life style that went with being a bomber.

"No drugs, no booze, no sex," he said. I com-mented that it must not be as much fun being a bomber as everyone seems to think.

"Sure it's tough work," he said, "the hours aren't the best in the world, but you get a personal satisfaction out of the work that you just don't get in other jobs. This is one job where you don't feel co-opted when you work. You don't have to worry about bourgeois lackeys of the Establishment ... I cut him short.

I finally asked him what he saw as the future of bombing.

"I think there's a great future in it," he said. "Now's the time for a kid to get in at the bottom floor. There's no telling how high he may go or how fast in this business. And don't get me wrong, working conditions are getting better. A few of us had a meeting a few nights ago and we're very hopeful that within a few months this is going to be a union job. I was talking to a rep from the Teamsters and

> TRAINING SESSION FOR DRAFT COUNSELORS Sunday, October 8, 1970 Assumption College

Who. pray tell, will attempt to counter the move Mr. Ash is making, save perhaps a few directly affected individuals struggling against a native disposition towards informal articulation? Who is around to declare himself as a representative for the latter of Jefferson's parties? There is no such lobby, this despite the crying need for one. Let us hop that in this and future referendums, the people will be wise.

IONORARY DEGREES 3. Recognizing services to the need

help this year. To Faculty and Students Believe it or not just as we Perhaps some restatement of college or the community, suggestions - up to a page per start the new college year the benefits to WPI would be helpful especially in science committee on honorary degrees in making your suggestions. technology starts assembling information These might be: 4. Deve for the last event of the college 1. Broadening knowledge of of the kind of person educated year. Your help last year in WPI by United States leaders. by WPI. suggesting candidates was most 2. Honoring outstanding valuable. We would like further accomplishments.

4. Developing understanding

To assure the best possible honorary degree candicates we



Consortium colleges may soon have a full scale Environmental Studies Program, A brochure describing the Program is available at your Registrar. The brochure lists close to 200 courses and a group of faculty advisors who may be consulted.

The idea behind the course inventory and the advisor list is to keep things in motion until majors can be created and specific courses designed to fill gaps.

The task force has recommended that an introductory course in principles and problems be created as soon as possible.

Your campus representative is: Dr. Carl Koontz. Your campus advisors are: Dr. Allen Benjamin, Dr. Krishna Keshavan, Mr. Richard Lamothe, Mr. Leon Grauhard.

well documented Names and vita of 01 person. outstanding people in education, business, government, the professions -both technical speaking ability.

It would be especially helpful to have suggestions from the senior class for the Commencement speaker. I hope an organized canvass of the class can be undertaken soon for **Commencement** speakers are not easy to persuade unless contacted early.

The suggestions should come to my office, my recommendation to our trustee committee will be based in good part of such faculty and student suggestions. This information should be in my office by October 9.

Thank you for your assistance George W Hazzard President.

RECONDOS **ARE THEY HERE TO STAY**? by Dan Brock, D. Chin

On October 15 we the student body will be voting on whether or not a club established here at WPI for the past 5 years will be allowed to continue receiving the necessary funds for it to function. The club at this particular referendum hap-pens to be the Recondo Club. This referendum is a result of the student boyd's concern over the student boyd's concern over the issues in our nation's foreign po-licy. We feel, however, that this is a misoriented effort. The Re-condo Club like all other clubs on the WPI campus is a group of students, joined together to pursue or to be involved in some parti-cular interest. This interest is developed into an extra-curri-cular activity which usually gen-erates expenses not reasonably shouldered financially by the in-dividuals involved. Because of dividuals involved. Because of this, these students seek financial

aid from the individuals involved. Because of this, these students seek financial aid from the insti-tute through the Student Activities Board. WPI has set down certain requirements which these clubs must meet prior to obtaining funds. The Recondo Club meets these requirements and has met them in the past evidenced by past years' allocations.

The members of the Recondos share a general interst in outdoor activities that are physically challenging and mentally stimulating such as camping, mountaineering, skiing, scuba diving and in some of the military arts. These acti-vities require the purchase of cer-tain equipment and items: ropes, snaplinks and pitons for mountain climbing, transportation fees, and postage and stationery are several examples. Membership is open to

anyone on campus with a genuine interest in our activities regard-less of enrollment in ROTC, However, it is a fact that a majority of our membership is enrolled in ROTC. The club is administered over by student president, vicepresident, treasurer and secre-tary. W.P.I. requires a faculty advisor for recognized clubs. The R.O.T.C. department has tra-ditionally provided the advisor beditionally provided the advisor be-cause they are willing to put the time and effort into support of our activities. We would be more than happy and willing to have other faculty advisors support and guide us. The fact that our advisor pre-sently is from the Military Science Department (MS Dept.) does not make us a military tool; funds for our expenses and support do not and our expenses and support do not and can not come from the military. It is true that the MS Dept. does lend

us certain items of their equipment such as radios, some vehicles, projectors and uniforms. Likewise, the MS Dept. has also lent its equipment to other clubs and organizations on campus such and organizations on campus such as their projectors and vehicles and also has provided advisors to several other clubs on campus such as the fencing club, debating team, rifle club and a fraternity.

Many of our fellow students have heard many statements which we believe are misleading. It is true that the Recondo Club does fire live ammunition on target ranges. These ranges are strictly supervised and controlled by our advisor. It would be naive and foolish to say that accidents do not occur on such ranges, but never has one happened while the Re-condos have been on these ranges due to the strict safety procedures followed. Our purpose of using these live-fire ranges is to instill in the club members the proper use of firee-arms and the inherent danger in them.

The arts and skills the Recondos participate in are neither immoral nor against God's creation. They are interesting to us, we enjoy them, and would like to continue to participate in them and we would even like to take this space to en-courage other studentic courage other students to come and

join us. We feel that this referendum vote we feel that this referendum vote on Recondos is an infringement on the rights of those people who wish to be members in our and any or-ganization on campus. If Recondos is in danger of losing its subsidy from the school, then any other student organization on campus is in the same danger in the same danger. Dy Chin Dan Brock

THE OPEN DOOR **Campaigning Students-1970**

RECONDOS The Opposite

View

(This is reprinted from the TECH NEWS of May 12, 1970 at Paul Ash's request) To the students of WPI:

To the students of WPI: I am writing to you with a very heavy heart. For the last few months my conscience has deeply bothered me, and today I am taking a stand. As Pres-ident of the Student Activities Board Ihave recommended to Mary Ann Bagdis, Student Body Presi-dent of WPI, immediate expulsion of Recondos, as a recognized cam-pus organization. What this move means is that if the Student Government Execu-tive Council by majority vote, ex-

tive Council by majority vote, ex-pells the Recondons, this organiza-tion will still be allowed to exist, but not under the auspices of the student government. Therefore, their budget of \$350.00 would be cancelled.

I would like to state, that this move no way reflects the opinions of the other members on the Student Activities Board, but that I am constituting these proceedings as an individual WPI student.

My motives for expulsion of the Recondos company are as follows:

1) The motives and activities of this organization are immoral, 2) that students tuitions should not go toward military organizations.

Furthermore, Recondons reblack and

blank and live ammunition (2000 rounds of live ammunition) with which someone could be serio

Soon after the Cambodian venture had begun and the killings at Keat State and Jackson State had occurred, many students made plans to participate in the 1970 elections. M ich of the enthusiasm elections, Mich of the enthusiasm has evaporated since then, but widespread student political activities are being conducted causing certain questions to be raised. What type of candidate will students support? How will the public react to student cam-paigning? How effective is their caunaigning going to be?

Students tend to support candida-tes who oppose the Vietnam War and who advocate "a redirection of national priorities." Conservative national priorities." Conservative points of view are being expressed by groups like The Young Ameri-cans For Freedom. Over twenty thousand individuals have allegedly signed a "Patriotism Proclama-tion," drafted by Americans For Putriotism, in support of the Nixon Administration's position in Viet-nam. One may surmise that this Proclamation will attract far more student antagonism than support

student antagonism than support. Contrary to the beliefs of many, students do not differ markedly from their parents on major poli-tical issues. Recently, the Gallup Poll indicated this, noting that the average adult woman is more "devish" than the average male student. The overwhelming ma-jority of students oppose violence,

by Dr. Donald Johnson

although they are deeply disturbed by certain aspects of our domes-

by certain aspects of our domes-tic and foreign policies. Despite this, anti-student at-tidutes are prevalent. The pub-lic has been profoundly distressed and frightened by disorders leading many to assume that students' po-litical activities would prove the many to assume that students' po-lilical activities would provoke a 'backlash' against the candidates they support. Assertions that if the universities do not serve the real needs of the American peo-ple, then those at the universities should close them down, intensity public fear. Last summer, other militants were quoted to the ef-fect that no university should be allowed to open in September if the Panthers on trial had not been freed and if the Vietnam War had not been terminated by then. Such not been terminated by then. Such statements caused many to see red and to assert that if the majority could not control the militant min-ority then society should step in to

impose law and order. Last spring, the Princeton Plan was suggested which provided for a two-week recess prior to the Nov-ember elections enabling students and faculty to support their candi-dates. A recent report of the Collage Poll indicated that only 23% of the students and the 23% of the students endorsed the Plun. This, of course, does not signify student opposition to cam-paigning, but rather student irri-tation at possible disruption of their schedules. The concept of a "political recess" has been cogently attacked as both unwise and unnecessary, notably by Keith Spalding, President of Franklin and Marshall College.

Students may have been indeed effective during the recent primary cara; aigns. Twenty-four of the thirty candidates supported by the Movement For A New Congress won their respective contests. One can not, of course, know how well

these candidates would have done without student support. And, the "backlash" could manifest itself in November. On the other hand, the student-supported candidates may not be the true measure of value. Student activism in a kind of educational program, raising rele-vant issues, and working within the system may well be far more important,

Donald E. Johnson

Manipulated Campaign?

by Prof. Thomas Barrow of Clark University

Central Mass. Co-ordinator for Humphrey-Muskie

The most important question concerning the role of young people in politics is not whether they are effective but, rather, how and for what purposes they are induced to take an active role in the political process. Young people today rarely are interested in local issues. They are "turned on" primarily by national and international issues. They raily to the banner of candidates like Father Drinan who campaign on such issues. All of which is understandable in an are such as ours on such issues. All of which is understandable in an age such as ours, and in a country such as ours. But at the same time there are certain dangers involved in this general tendency of youth to respond only to certain kinds of issues.

One unfortunate result is that young people tend to become only occasional participants in politics. Another, related, danger is that they tend to become a resource readily susceptible to exploitation by experienced and cynical politicians who are willing to adopt what-ever position on international issues that is currently popular as long as they are not questioned too closely on local affairs and problems. Another, also related, danger is that in their enthusiasm and with their issue-oriented outlook, young people are susceptible to "fads"; they are liable to being unduly influenced by the communications media and its basic Madison-Avenue orientation and bias. Orwell's 1984 is the story of a manipulated society; and if young people today are not realistically and sophisticatedly aware of these potential dan-gers, 1984 may be even closer than we think.

injured.

I define the Recondos organization as immoral, since the in-tent of the club is to train its members in "hand to hand combat" and general warfare. Moreover, Recondos holds a once a year outing to Holden where they act out the motions of taking over a town by pretending to blow up bridges, and pretending to blow up bridges, and capturing prisoners. This may seem like childs play but it's not. Over 90% of the Recondos company will be entering the Army within fort years, and if they enter the infantry, these lessons in Re-condos will be used.

I do not see how we can let any campus club practice methods of taking human life. This is im-moral and against God's creation. The 350 dollars that Recondos will receive next year, if we do not defeat them in the student government, will be coming from your next year's tuitions.

Please help me in this cause; it might save a man's life.

Peace, Paul B. Ash



Dr. Donald Johnson

During the political campaigns so far this year, I have been struck in particular by two items. One was the response of Father Drinan when he was asked after his upset primary victory "how he did it". Father Drinan's answer was that he did it principally through his sophistica-ted and extensive use of a computer. The other item that stays in my mind was the victory of Kevin White in the Democratic primary, in a campaign whose public theme was concern for "people" but which in fact was conducted almost entirely by remote on television and through the use of automated telephone messages. In the current contest between White and Sargent for the governorship in Mass-achusetts we are reduced to a Madison-Avenue directed contest bet-ween two carefully packaged products - and the victory probably will go to whichever has the most money to spend and the best pack-aging behind him. The new "media politics" is a frightening thing - and if they do not take great care, young people, with susceptibility to

aging behind him. The new "media politics" is a frightening thing - and if they do not take great care, young people, with susceptibility to "causes" and "crusades", may be the first victims of the com-munications revolution in American politics. Young people today are very sophisticated. If they can use that sophistication to look beneath the surface of today's political scene, and resist the temptation to settle for rhetoric which plays to their current ind legitimate concerns but which means very little in actual practice, their undeniable impact on politics today will be all to the good. If they fail to understand these dangers, George Orwell may well end up as the most accurate prophet in our modern history.

Tuesday Oct. 6, 1970

TECH NEWS



Both the first and second concerts began with the sound of the group "Osmosis". Utilizing two sets of drums, a lead guitar, a bass guitar, an electric piano, and a saxophone and clarinet, the group put out a sort of jazz-blues sound. Their first performance, mainly featuring the saxaphone and clarinet, was not very dynamic and their sound did not seem to strive me as anything unusual or exceptional. This is only a personal opinion, but judging by the reactions of the rest of the halt filled auditorium, the word banal seems to be quite applicable to the greater part of their performance.

The Vocalist actually did very little vocalizing, and the sounds emanating from the stage were a kind of hodge-podege of notes and After the performance of their three tones. songs, the last of which contained alternate drum solos between the two drummers, the group Osmosis cleared the stage for the main attraction.

After about a ten minute wait, "Kings of Rhythm", Tina's back up group, came on with drums, a lead guitar, a rhythm guitar, an electric piano, a trombone, a saxophone and a trumpet, and they proceeded to play a short instrumental number. This short piece of music set the "Ikettes". These three girls began with a sort of traditional song for this type of group called "Someday we'll be Together" and they continued to impress the audience with Janis Joplin's "Piece of My Heart". Done gently and with excellent harmony, the alternate lead singers then went into a song called "Shake a Tail Feather." and end ended with a few stage jokes some very involved in discoteque like dancing. Finally Tina Turner is introduced, and the dynamic sound of the Kings of Rhythm sets the mood for Tina's gyrating motions. With Tina's exciting entrance the unempressive audience seemed to gain a bit more enthusiasm, which was soon to be increased even more with the performance of the song, "I want to take you Higher". Songs such as "Get Back", River Deep Mountain High"., and "Oop Papa Doo" were ably performed by the soul-filled group, and the gyrations of Tina and the Ikettes kept the attention of the audience for the most part. Been Loving You Toc Long", beginning quietly and climaxing at the end, was the groups contribution to the humor of the evening. Ike and Tina's conversation in the song, containing quite a few sexual implications, caught the attention of the audience and came to a peak along with Tina's gutteral moans.

"Respect", Heard it through the Grapevine", and Whose Making Love To My Old Lady were combined to produce a joking type effect along the line of the Women's Liberation Movement More Stage Jokes and more gyrating led into the "Soul Clap", which seemed to be an attempt at involving the audience in the music. The concert ended with a throbbing concert finally strobelight and barrage of smoke, within which Tina wildly danced off the stage.

In between the first and second concerts, I was able to discuss a few things with Ike by Gene Zimmer



IKETTES AND 1INA

ranging from his boyhood life in Mississippi to the War in Vietnam. He seemed to possess a fairly liberal attitude, and seemed to be much more serious of a person than his actions on stage would indicate. Mostly discussing his group and their sound, Ike had a feeling that the second performance would tend to be much better. In due time, this was proven to be absolutely true.

The beginning of the second show was generally the same, the songs performed were a bit different though. After the Ikettes' per-formance of "Esmerelda", Tina again danced her way onto stage and continued to sing "Do You Like Good Musie". "Come Together", and "Honky Tonk Woman" and a duet featuring Ike and Tina set the mood for a heavy blues number. The already well responding audience had even more reason to respond with this song of a definite Janis Joplin sound to it. Ike's blues guitar was well received by the listeners, and his "Jingle bells" ending to the song seemed to humor most of the crowd. With Ike joking a around on vocals in the song "Proud Mary". the crowd was getting further prepared for the climax of the evening. Along with the ending of the successful song "I've Been Loving You Too Long" echoed the words of Tina Turner, and the audience was suddenly involved in the song "I want to take you higher". The excited listeners captured the enthusiasm of the music proceeded to crown up to the stage, singing and clapping along with the music. This enthusiasm continued through "Land of 1000 Dances" and the cloud of smoke. The eager crowd called for more and Tina and the Ikettes came out and did "High" as an encore. The ('rowd seemed to be satisfied after the second performance of "Higher", and the show came to an end

As lke predicted, the second show did far exceed the first show. But it wasn't really that the songs were any better, or that the songs were any better performed not that they really could have been, but is was actually the audience that made the show what it was. The audience seemed to stimulate Ike and Tina and Ike and Tina stimulated the in return. Ike and Tina stimulated the audience. This mutual stimulation contributed to the superb performance of the second show. The audience at the second show certainly deserves some congradulations for their magnificient role as spectators, and their reward for being so good was naturally paid for in the truly fine concert.

CINEMATECH 1 THE UMBRELLS **OF CHERBOURG**

Review by Tom Carrier

"A musical comedy from France, simple in story, but dressed up in such handsome surroundings as to become a triumph in taste and style," So read the commentary on the Cinematech bulletin, Those who stayed through to see the whole movie will probably agree that for the first half too much emphasis was placed on handsome surroundings and not enough on real, genuine acting. Many situations were stereotyped--Guy (a garage mechanic) and Genevieve (who sells umbrellas for her mother) fall in love. Guy gets drafted into the army. Meanwhile Genevieve has become pregnant by him but with the persuasion of her mother can't wait until he comes back; she marries this suave rich man and so on. During the second half of the film, Guy comes cack a man and is depressed upon hearing the news, but he marries another woman and makes a successful career for himself, running his own gas station. It is here that the slightly corny comedy does settle down into reality and triumphs in its own wat. The transition that Guy makes back to reality as the movie paints out was not easy and the direction spares us of the corny drama that ran rampart during the first half. Finally, even the most sophisticated critic could not help but feel a slight twinge of sorrow as Guy and Genevieve meet. The second film, "The String Bean" appeals much more to the

sensitive imagination. Utilizing a pure medium --- the plot revolves around an old woman who meagerly lives by herself with sewing as her only occupation, and who one day takes a bean and plants it. The rest of the movie (only seventeen minutes long) relates to us visually, episodes concerning her growing the string bean which she finally places in a public garden where it flourishes until it is eventually uprooted by gardeners. From what I have described here, the story seems extremely simple and quite possibly dull. But those who have seen the movie and/or its relative THE RED BALLOON will realize what I'm attempting to say. Unlike THE UMBRELLASOF CHERBOURG, this film needn't rely on sets, costumes, and songs---just a camera and some background music to achieve a true aesthetic appreciation of an art form. This is the type of film which would either intensely fascinate some or immediately bore others. To the aesthetic a classic ---to the nonaesthetic, a sequence of life with little meaning.

WHAT'S UP

October 6, Tuesday

Spontaneous Jazz "Concert, 8:15 p.m., New England Life Hall, Boston. Free. "Hispanic Music" Concert, 8:15 p.m., Clark University Little Commons, Free.

October 8, Thursday

"Hamlet", Cinematech I, 7:30 p.m. Alden Hall, WPI, Free, Concert - Gabriel and Yuriko Chodos playing Beethoven 8:15 p.m., Holy Cross College, Hogan Campus Center Ballroom, Free.

October 9, Friday Y-Not Coffee House "Sweet Potato Pie" 8-12 p.m. 729 Main Street

October 10, Saturday "Chicago" 8 p.m. Holy Cross Fieldhouse. Tony Rubino; Y-Not Coffee House.

October 11, Sunday

Clive Barnes, drama critic; 7:30 p.m. Alden Hall, WPI



Social Comm. Meeting	October 12, Monday "Young Mr. Lincoln", Hogan Campus Center, Holy Cross 8 p.m. (also 3 p.m. Oct. 13, Tuesday).
THURSDAY	and the second
4:30 P.M.	Continuing Events: War Games Exhibition - Gordon Library thru Nov. 8 The Legacy of Daniel Cotton Rich, Worcester Art Museum through November 8.
Coffeehouse	"Hair" playing at the Wilbur Theater, Boston.

JAZZ CONCERT

TUESDAY, OCTOBER 13 8:00 P.M. in Alden featuring the Art Pelosio Quintet

Sports Commentary THE SUNDAY REPORT by Bob Rosenberg With the football team on the road this week we

turned our attention to the soccer team, Throughout the years Coach Alan King has turned out good soccer teams that are laced with exceptional teams. Last year's team was chosen New England's best in the college division. Not to be outdone, this year's team has gotten off to a fine start by winning the first three games. Ine win over Hartford was important being the opener and victory over crosstown rival Holy Cross is always nice but Saturdays victory over Tufts has to have been the sweetest. Tufts did outplay the Engineers man to man (30 shots on goal to WPI's 17) but the home booters showed why they win games. They have team work and a desire to work together that shows up in the win column. A veteran defense led by outstanding performances from Co-Captains Rooney and St. Victor is the key. When the going got tough in the fourth period Saturday the teamwork was there. Down 2-1 they bounced back and took a 3-2 lead and held it. If the team keeps playing ball like that we can look for bigger and better things.

Page 6

After the game we chatted with Coach King, We found he was especially pleased by the team effort and thought Rooney played another exceptionally good game, both defensively and offensively, Also, Coach King was impressed by Jack Blaisdell's fast start in the scoring column that has netted him four goals, in three games, along with two assists (including one for Boucher's winning goal), for a total of six points. Talking further, we found that this week's two home games will play an important part in just how good the season will be. MIT is here on Wednesday and they are always tough But Saturdays game could very well be the hardest of the year. Boston University is strong; they dropped a 1-0 game to 10th ranked (nationally) Brown. Crowd support is in order as both games are at home.

Freshmen are elibible to play Varsity Soccer this year and we asked Coach King how this affects. WPI's schedule. He said for the most part teams such as Clark and Lowell have always used

At the Botes-WPI half time, the Polly Club will undefeated honor two football teams, '38 and '54. Dinner and cocktails in Lower Level, Alden Memoial following the game.

Advisory Committee Overhaulec Last Spring the taculty

overhauled its entire structure and chain of command by instituting a more powerful and more representative Committee system.

Since much of the power previously held by the old Executive Committee (which consisted of the department heads) was delegated to other faculty Committees, the new Constitution provided for no similar executive body.

frosh, thus the effect will be to our advantage. Teams like U. Mass., Tufts, and MIT will be using them for the first time and they get many good players who in the past would not be playing if and when they reached their sophomore year. These players will make things tough this year. As for WPI there are four frosh on the varsity: Bryan Kashiwa, Steve Williams, Mark Ostergen and Jim O'Bray. All have seen action with "Bucky" Kashiwa seeing the most and Williams filling in during the Tufts game for the injured Joe Spezeski. Spezeski has had a foot injury but we expect to see him against MIT Wednesday.

This weeks football game will be the battle of the winless. Bates is 0-3 after losing to Trinity Saturday.

All would not be complete without making reference to last weeks Sports Slants. This author does not write this column with the criticism of the athletic program in mind. On the contrary, the reverse is true. His having played the game and having been closely associated with t h e Tech athletic program for over four years make statements in that article erroneous. The intent of this column is to give a different view to a page that is highlighted by titles like "Tech Unable to Master Bates" and pictures of year old contests in addition to articles that are written by the players and managers that cover only one side of the story.

Listening to last weeks rout of Baltimore by the Kansas City Chiefs we picked up the follow-ing quote from former Dallas QB and ABC announcer Don Meridth. "You talk about players having good games and bad games, but usually you find those real poor games are against good teams,"

Look for an announcement in the next couple of weeks on the teams in the Worcester Jaycee Holiday Basketball tournament. This years contest in Harrington promises to be one of the finest small college tournaments around. - R.A.R.

Trustee's Com. Named, 'Miss WPI' Suggested

Last Monday, September 28, the student government Executive Committee held its second meeting of the school year. Not only that, but it was the second meeting in two weeks.

The first order of business was to compile a list of student nominees for President Hassard's selection to the Trustee's Committee. Out of eight students, the President has chosen two members of the Junior Class, Jeff Askanazi and Jack Zorabedian to represent the student voice, along with the ex-officio members on the committee, the Student Government Prosident and the Ed-in-Chief of the Tech News. Also sitting on this newly formed committee will be four representatives each from the faculty and the administration.

Then the meeting took an interesting twist as Larry Hyman, '71, took the floor to introduce a project which in his opinion would do much to increase student spirit - a "Miss WPI" contest for the coeds to participate in. Mr. Hyman explained that this would not be a beauty talent, popularity, or intelligence contest, and went on to suggest that the girls should be judged on the basis of personality. He said that the function of the winner would be to "meet, greet, and entertain guests to the campus."

President Dave Hobill terminated this meeting by appointing Hyman to head a committee to get the ball rolling on the "Miss WPI" contest.



Recently, the National Collegiate Athletic Association made a decision to change its rule concerning eligibility of freshmen athletes. Previously, most freshmen were not able to play on any varsity team. The only first-year students able to play on varsity squads were those attending a school with an enrollment of less than 1250 with a schedule for 5 inter- collegiate sports.

The new ruling now permits freshmen to play any varsity sport with the exception of football and basketball. The ruling also makes no stipulation as to the number of students making any difference for eligibility.

The decision has a great effect on Midwestern and Farwestern schools. It now means that the school won't have to

send frosh squads great distances (up to 500 miles) to play a single game. The freshmen athletes will now be able toaccompany the varsity team. This will result in a great saving in team traveling expenses, often a sore spot for alumni supported sports..

As far as WPI is concerned. Mr. Pritchard, Athletic Director, indicated full ap-proval of the new plan. In addition, he said that freshmen will still maintain a complete schedule.He feels that freshmen sports are of great value to the individual in that it gives him the chance to prove himself among the boys of the same age group. This gives the player valuable experience and relieves him of much of the pressure that he had played the varsity sport.

WPI BEATEN BY ENGINEERS

A tremendous defensive effort on the part of the WPI Freshmen was not enough to insure victory, as the offense stumbled and RPI triumphed 8-0 last Friday in Troy, N.Y

All things considered, the young Engineers played an excellent overall game even though the offense could not quite get started. The main reason for their inability was the size of the RPI line. Up front, each offensive lineman for Worcester was outweighed by 20-30 pounds and simply couldn't move their men.

Rensaeller mounted only one offensive drive, which came early in the last quarter. The try for the extra point was no good and the score remained 6-0 until the closing seconds. In the final moments, as Worcester tried desperately to get on the scoreboard, QB Garry Schwartz was tackled in his own end zone to give RPI a safety and the final 8-0 score.

All in all the Frosh really have nothing to be ashamed of, and were in the game to the very end. The entire defensive team must be congratulated for an outstanding game!



Action seen at the line of Scrimmage



Come One, Come All to the **Military Ball**

BOSTON

TEA PARTY

FRIDAY, NOV. 6

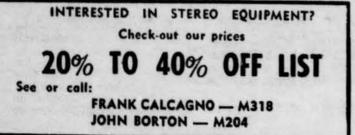
7:30 P.M.

ALDEN MEMORIAL

executive Committee has not disappeared. However, beginning this fall it will serve as an administrative link to the faculty under a new title, the "Administrative Advisory This new Com-Committee." mittee will primarily advise Dean Price in administrative matters, leaving academic processes in the hands of the facul'y committees.

One of the foremost tasks now facing; the Administrative Advisory Committee is im-plementation of the WPI Plan. This massive reorganization of the whole concept of higher

education will present huge administrative difficulties which can only be solved by better communication ties between students, faculty and administration. Many other schools already have made the switch over from a faculty executive to an administrative advisory committee. But with the role of this new committee in the WPI Plan, we may very well have come from two steps behind to one step ahead of the rest of the academic world



AUDITORIUM **Formal Dress** See S & B Representative for tickets. Any Sophomore or Junior who is interested in working for

the TECH NEWS on the circulation staff, please contact Todd Benjamin, Stoddard C-105.

SOCCER - DEFENDING N.E. CHAMPS **Booters Remain Unbeaten** Tops Tuft Tufts Team ., 3-2



TECH BOOTER BOOTS BALL W.P.I. WHOMPED BY MIDDLEBURY

Tech's floundering football team was completely derailed by a young Middlebury team, 46-0 on a rain soaked Vermont hillside last Saturday.

For the third straight game the Engineers were unable to put it together, as both the offense and defense could do little

Barry Metayer, the Panther's talented senior signal caller keyed unbeaten Middlebury to its third straight victory, the tirst lime it has posted a 3-0 mark at the start of the season. since 1960.

Metayer passed for three and another at the onset of the second and directed Middlebury to another.

He sat down after his third TD toss and freshmen quarterback Doug Cromphim and Pete Mackey took over and directed the Panthers to three more scores

While Metayer, who now has seven TD passes in the two games, and Middlebury were rolling up those 46 points, the defense led by linebacker Chris Graitals and defensive backs Mike Goldbieger ' and John Cruiser, gave then eight chances to score via six pass interceptions and two fumble ecoveries.

Sophomore halfback Paul Pope ended as Middlebury's top corer in a reserve role, tallying three times in the second half on runs of two and seventeen yards on a five yard pass from Mackey.

starring Metayer, mixing his plays beautifully had given the Panthers a 27-0 lead with only a few minutes gone in the second half.

Middlebury went 8l yards in 12 plays for its first TD with Metayer passing 16 yards to frosh halfback Frank Cooper the next touchdown drive by intercepting a Steve Joseph pass on the W.P.I. 40 and returning it to the 27. Six plays later fullback Tom McNeil bulled over from the six.

The Panthers struck again late in the second quarter on an eight play, 41 yard march that ended with Metayer passing three yards to Cooper for the touchdown. Metayer finished up his day's work by taking Middlebury 49 yards in three plays, the last a 39 yard scoring toss to speedy (9.7 for 100) fresh-man James Williams early in the third period.

Middlebury went on to win going away with Pope sharing starring honors with Two trosh quarterbacks.

Tech had three scoring chances. The first was ended by a tumble, the second an aroused Panther defense and the final by an interception.

WPI 13 7 14 12-46

Telayer M - Couper, New Telayer Hank samed: McNe-backey kick! ckey kicki, Takekey kicki, Takey kicki, Mackey kicki, Mossi Mackey kicki, Mossi Stakey kicki, Mossi Star Pone, Zirun (kicki Pone, Sipasa Irom Mackey Due to the fact that the skills the players now possess are either newly acquired or not proficiently exploited, the team was not totally protocently explored, the team was not totally prepared for its first game. There was no excuse for losing except the lack of good teamwork and passing. Bartlet High School defeated our team 2-0 in a scrimmage held on Saturday, September 26 on the Varsity Field, due to these shortcom-ings, and not to exclude the fact that they worked as a team which had played together for at least two years and fared quite well in their high school conference during this time. Bartlet's players had the teamwork we lacked, this being the time we Tech players have ever played on the same team.

Perhaps the lack of coordinated efforts pagued Tech less in its second scrimmage against Worcester State, for the Engineers engineered a 2-1 victory over State. We played much better against Worcester State and performed as a team; passing, playing aggressive ball and worked with each other. The goals were scored by Jim Wayrynen and Bill Gemmer in the first and second periods, respectively. Tech's entire front line dominated play in the 3rd period, keeping Worcester State confined to its own half of the field and continuously hammered shots at State's goal with many near misses. State's only bright light was a well-executed corner kick in the second period which carried untouched into the goal net.

The goal nets were filled Wednesday as Tech played its best game yet. Unfortunately, the nets were filled by the goals of Lincoln-Sudbury High School, 11-0 last year, who won the scrim-mage 3-1 over the Engineers. Coach Kaufman complemented the team for its improved teamwork and play. The front line of Tech continuous-ly pounded Lincoln-Sudbury's goal with excellent shots, but luck was with the goalie as he stopped all shots except Don Bucci's chip into the net in the third period. Unfortunately for Tech, the coordination of Lincoln-Sudbury's team was beautifully executed especially when they showed their skill on two of their three goals.

All factors being considered, the ability and de-termination of this year's J.V. Soccer team should lead it to a fine season under the leadership of Coaches Kaufman, Peterson, and Young.

Tech's varsity soccer team picked up their second and third victories of the season by downing both Holy Cross and Tufts last week.

The game, played without regular officials, got under way before a hundred spectators, many of them from Tech. Holy Cross was neverable to get their team together as Jack Blaisdell opened the scoring in the first period when he headed a corner kick from Tony Schepis into the far corner of the

nets.

Blaisdell added his second goal of the game during the third period, when he out hustled the Holy Cross goalie to round out the scoring, making it 2 to 0. Saturday afternoon brought the stiffest competition yet faced by Tech in the guise of Tufts University. Some 250 spectators watched a seesaw battle that continued right up to the final whistle. Once again Jack Blaisdell opened the scoring when he beat the Tufts goalie on a breakaway play and dribbled into the nets. Tufts countered quickly, though, and during the second period, scored after a mixup in the Tech defense. Tufts continued to press hard and midway through the third period their left wing threaded the needle from thirty yards out to make the score 2 to 1. Tech proved its worth as a tough opponent by out hustling Tufts from then on and finally broke into the scoring again when Lionel St. Victor tied the score on a penalty kick in the last period. Sophomore Gus Boucher then added the clincher a few minutes later amidst a scramble in front of the Tufts goal to put Tech ahead for good, 3 to 2. With this victory under their belts, Worcester Tech draws another step closer to a successful defense of their

small college New England Soccer title. The newly instituted Junior Varsity Soccer team here at Worcester Tech may well be a surprising team this year. The team has many outstanding individuals but the future of the team relies on the ability of the players to work as a team. Coach Kaufman stated early this season that teamwork by the men on the field will lead to victory and not eleven men playing as individuals because the skills of all the players are not yet polished enough to attempt the centering of the team around any group of individuals.



Y

School

WPI

AC

WSC

WPI

WPI WPI

W PI

WPI WPI

W PI

AC

AC

AC

WSC

W PI

WSC

AC

AC

CLARK

CLARK

CLARK

CLARK

CLARK



This past week the WPI Cross Country team opened its season and was met by partial success. On Wednesday, Sept. 30, the city championship meet was held, the competition being supplied by Worcester State, Clark, and Assumption. Ac-tually, it was no contest at all as

the Engineers ran off with the first nine places. SeniorsCo-Captain Bill Light smashed the old course record by more than thirty seconds with a time of 24:36. Mike Malone, who led for most of the race came in a strong second, only 30 yards behind Bill.

Page 7

The game was well in hand by that time, though, as the

Sports Schedule

Tuesday 6 - Junior Varsity Cross Country, WPI vs. Wesleyan, Home 4:15 Varsity Cross Country, WPI vs. Wesleyan, Home 4:30

Wednesday 7 - Varsity Soccer, WPI vs. M.I.T. Home 3:30

Friday 9 - Freshman Football, WPI vs. Coast Guard, Away 8:00

Saturday 10 - Varsity Soccer, WPI vs. B.U. Home 11:00 Varsity Football, WPI vs. Bates. Home 2:00 Varsity Cross Country. WPI vs. Bates, Home 2:30

Tuesday 13 - Varsity Cross Country, WPI vs. Tufts. Away 4:00 Junior Varsity Cross Country, WPI vs. Tufts. Away 4:00

		+ 1	1.1.1.1	19:00	Car Carrie	
			Stor!	AND	R. 8 - 6	Section -
	BANG	- AN	D THE	RACE	STARTS	AGAIN
Place	Runners 7	lime	School	Place	Runners	Time
1	Light	24:36	WPI		onahue	28:01
2	Malone	24:46	WPI	000000000	onnely	28:12
3	Murch	25:21	WPI	26 F		28:55
4	Filippetti	25:29	WPI		ankum	28:55
5	Savilonis	25:33	WPI		allquist	29:01
6	Ferrari	25:38	WPI		erry	29:03
7	Stockdale	25:59	WPI	30 H	obill	29:09
8	Gaffen	26:05	WPI		attera	29:17
9	Doyle	26:19	WPI	and the second second	luccino	29:50
10	Melin	26:38	AC	33 Z		29:56
11	Hoogasian	26:40	WSC		kenti	29:57
12	Hoyt	26:43	WPI	35 W	esloski	30:08
13	Purington	26:59	WPI		anrahan	30:32
14	Wallace	27:13	WSC	37 H	armon	30:40
15	Withstandley	27:14	WSC		orton	31:33
16	Baldwin	27:15	CLAR		erguson	31:49
17	Gardner	27:25	AC	40 G		31:55
18	Churchill	27:30	AC	41 F	edyck	32:36
19	Lepage	27:31	WPI		alzer	32:53
20	DeFalco	27:31	WS_		elley	33:02
21	Winer	27:44	CLARI		liver	33:39
22	Garber	27:46	CLARI	K 45 H	armon	34:04
23	DeMarais	27:57	AC	46 S		

The rest of the top 5 was completed with Andy March, Dick Flilpetti, and Brian Savaloanis. Several Frosh also turned in fine performances. Bob Ferrari placed 6th, ; less than 20 seconds behind the 3rd place time. Joe Gaffen (8th) and John Doyle (9th) were up there all the way.

The Oct. 3 race with MIT and RPI proved much tougher, though. The team had a good chance to win but sickness, injury and poor performances by some key runners hurt the team. Mike Malone and Andy March ran fine races to place 3rd and 6th respectively

Despite a fever and sore throat, Bill Light still managed llth place and Joe Gaffen ran well to place 12th.

Page 8

WORSLEY STARTS POLITICAL SHOW

Professor John Worsley, of the History Department, is the producer and moderator of an educational television series on the art of political campaigning.

entitled The series "Practical Politics", is shown Tuesday nights at 7:30 on WSBE-TV (Channel 36). The series began Tuesday, September 29.

Professor Worsley is also teaching about campaigning in the WPI Government Department course. called "American Political Processes" and he is also teaching his own course Practical Politics in the Clark University Evening College.

The format in the television series consists of opening remarks by Professor Worsley on some aspects of a campaign, followed by comments from several guests who are experts in the matter. The show closes with questions from the audience.

The first show discussed the American Political system. Professor William McLoughlin,

Student Nomination Papers for **Members of Tech Community** Council ARE DUE FRIDAY, OCT. 9 in 'Tech News Office or Head R.A. **Room in basement** of Riley.

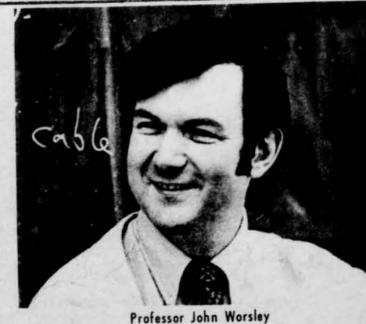
50 students.

of the Brown City University History Department, described methods and goals of the socalled "New Politics" and Professor David Warren. chairmen of the University of Rhode Island Political Science Department, discussed more traditional political techniques. The second show discussed methods of analyzing the electorate, both by politicians and political scientists, means by which politicians try to reach the voters, and the political of system. The guests were Mr. Dennis J. Roberts, a former Governor of Rhode Island, and Dr. Elmer Cornwell, chairman the Brown University of

Political Science Department. The third show to be shown, October 13, deals with methods

In the midst of student political activity during the strike last spring, a number of WPI faculty members decided that there should be an organized outlet for those who wished to participate in politics in some capacity. As a result a new course, GV 3l2 Government and Political Action, was formed at the end of last year.

Although there was some apprehension-and anticipationthat the course would be a seminar in the disruption of traditional political processes, it actually intended to familiarize interested students in these same procedures. Prof. John Worsley, who teaches the course for the first half of the semester, said he will be conwith instructing



organizing a political campaign and the problems that are faced. The guest is Partridge, campaign The guest is John

By Alan Dion

participants join the campaign of some established candidate whose views they disagree with but who is virtually assured of winning, so that they will have the knowledge and background necessary to beat this person the next time he runs for reelection.

For the second half of the course, which begins after the November elections, the emphasis will be on political issues of the present. A number of guest lecturers, including Profs. Todd, Krusberg, and Hobey, will speak on such problems as pollution, ecology and city planning, which con-front politicians today. On the whole, then, GV 312 will

more concerned with

Herbert ordinator for DeSimone, a Rhode Island gubernatorial candidate. The fourth show, to be shown October 20, discusses methods of communicating with the voters. The major guest is David Duffy, an advance man for Governor Rockefeller in 1964 and 1968. The fifth show, to be televised on October 27, deals with financing political campaigns. The guest is William Broomhead, former chairman of the R.I. Republican Party. A sixth show, to be seen the night before the elections, will examine local political campaigns; a number of political analysts will be the guests.

E.G. & G. ORTEC VAN BETWEEN HIGGINS AND OLIN Thursday, Oct. 8 9-12 A.M.

Tom Gildea & Ortec design engineers will exhibit their "complete line" of nuclear electronic instrumentation.



lations Committee of the First Baptist Church presented its first seminar on American involvementinSoutheastAsia. The

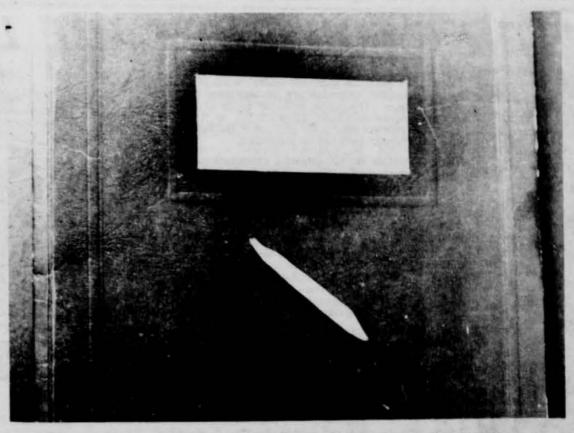
seminar began at 7:30 P.M. in Gorden Hall of First Baptist Church, at Ill Park Ave., Worcester.

Mr. Paul Goranson opened the first session by giving a brief historical background of the war in an illustrated slide lecture. Mr. Goranson is a graduate of Worcester Polytechnic Institute, class of 1962, a former peace Corps. member in Ghana and was recently in Vietnam under the Agency for Internation Development program. Mrs. Charles Knight, gave an historical coverage of American involvement in Southeast Asia. Mrs. Knight has her B.A. and M. A. from Bryn Mawr. She and her husband teach at the University of Massachusetts.

On Thursday, October 15, 1970, the second seminar in the series will begin at 7:30 P. M. at Gorden Hall. A film by Harvard Prof. George Wald, Nobel Prize winner, entitled "Short Term Prosperity vs. Long Term Disaster" will be shown. It will be followed by discussion with Attorney Robert S. Bowditch of Worcester and Prof. Alan Gummerson of Clark University, co-chairmen of the Student Businessmen's Forum of Worcester. This seminar will be concerned with the economic and social aspects of the war.

A special invititation was extended to all WPI students from Mrs. Donald W. Ayers, co-chairmen of the C. S. R. C. of the First Baptist Church, to attend the following seminars: 'Come and bring some friends. Admission is free.





WALL ST. HIGH ON WPI

(The following article is reprint- of courses that students must pured from the Wall Street Journal of sue for a degree in their area of Friday, October 2, 1970, by their specialty. permission. This is the first newspaper story on the WPI Plan and appeared in the 3rd most prominent spot in the Wall Street Journal, which is read by educational, business, and government leaders around the world).

A COLLEGE THROWS OUT THE CURRICU LUM

By Tim Metz WORCESTER, Mass. - "Four years from now may well see Worcester Polytechnic Institute heralded as a true innovator in private higher education," says George W. Hazzard, the college's president. "On the other hand, you might see me standing down here on Route 9 with my thumb out."

Mr. Hazzard is partly joking, of course, but he does have reason to wonder what his future holds. Worcester Polytechnic, which he has headed for one year, is about to toss out its entire curriculum and start over. After 18 months of planning and haggling among administrators, faculty and students, the 105-year-old, 21,00-student college has set out to remake itself from a nuts-and-bolts school of engineering to a breeder of scientific humanists who are prepared to bend science directly to social concerns.

The vehicle for this transformation is the "WPI Plan," which will be formally announced tomorrow. The plan is based on two central themes: A complete change in the standards by which a student's progress is measured, and a belief that attempts by engineering students to solve real world problems even insoluble ones - have far greater academic value than has yet been recognized.

Each student's course of study will be determined solely by himself and his faculty adviser.

In place of the accumulation of credits as a path to a degree, the WPI Plan will require both a major off-campus project and a comprehensive examination by the end of the student's career at the school. As currently planned a student can take the comprehensive exam after he has completed the equivalent of three years of work. Students will have wide latitude in selecting off-campus study projects. A faculty member and 15 students will comprise a study project team that will work on one or more engineering problems posed by such "real world" institutions as business and municipal government. In more limited pilot projects over the past several years, WPI students have aided such companies as American Optical Co. and Heald Machine Co. to solve manufacturing and product engineering problems as part of their work in an engineering economics course. "Several of my students have been hired by companies where they worked on these projects while they were here," reports William R. Grogan, the dean of undergraduate students who also teaches the course.

To accommodate the emphasis on such projects under the WPI Plan, the school year will be broken into five seven-week terms. One term, to be conducted over the summer, will stress remedial and other preparatory work for students who come to WPI with an inadequate high school education. As an added effect, the seven - week academic periods "are certain to make it easier for poor students to move back and as at the overwhelming majority forth between jobs and school with the least possible delaying effect the accumulation of a prescribed on their progress toward a de-

firmer financial footing, With about a quarter of the student body projected to be involved in off-campus study projects each term, college living space and other facilities will be opened to greater full-year use, which should lower costs. And, by working on study projects at business and other facilities away from the campus, students will be using the equipment on the scene, "which should save WPI some money in outlays for exotic new equipment," says a school spokesman. Faculty members, too will be grouping for maximum efficiency in teaching basic science courses as they relate to the various engineering disciplines. In math, for example, some subjects, such as advanced algebra, will be taught with once-weekly lectures in a large hall, followed by smaller meetings during the week in which an instructor relates the week's lesson to his own group's special field of engineering.

This expected more efficient use of faculty and facilities should let the school enroll up to 500 more students with minimal bricks-andmortar additions and without enlarging the faculty. It has been projected that the switch to the WPI Plan will cost the school about \$2 million over the next four years, or about 5% of the projected operating budget over that span. Why did Worcester Polytechnic

make the switch? Like many other private schools, WPI is learning that nearby state schools "can do a fine job of turning out graduate engineers using the same kind of classical approach to the subject we have been using all these years," says Romeo L. Moruzzi, a WPI professor of electrical en-

152 faculty members voted to turn down the WPI Plan, though a few of them said they did so because they felt it wasn't radical enough. Lawrence Price, dean of M. faculty, spent the summer screening a list of more than 600 prospective faculty members to replace 10 who left and to add eight, all in the humanities.

Students, too, must react positively to make the plan work. WPI officials are well aware that their plan offers wide latitude to students, and they expect some stu-

dents to abuse that latitude. Even if the WPI Plan functions up to expectations, the school may come under fire from outside. "There is some possibility that we could face accreditation problems from our more conservative peers in engineering education, and there's the chance that our grad-

G.I. contd fr. p. 12 col. 5 N's know they had found the V.C. and also that they didn't want to have anything to do with them. So it wasn't too long before they came running back to the safety of our trucks. Upon seeing this our commander quickly went into hysteria because C.B.S. might run out of film or get the wrong impression of our allies. So our commander ordered the ARV-N's back in only to see them once again retreat. But this time they threw their weapons down and sat down on the ground and refused to move. Our quick thinking commander intelligently came up with the rationalization that C.B.S. must have something to film so while our brave allies sat on the ground we were ordered off our trucks and into the jungie C.B.S. could have something to film. Now it doesn't take too much intelligence to get the impression that something was wrong about the whole scene. And when your buddies start uates under the WPI Planmay want to go on for graduate work at schools which might not honor all their course and project work here," says one liberal arts professor.

Whatever the outcome, little Worcester Polytechnic Institute must be credited with developing a truly innovative approach to higher education and having the grit to implement it. So, if you should happen to spot a middle-aged, bookish-looking man in a cap and gown hitchhiking on U.S. 9 in Worcester a few years hence, pick him up. He'll deserve the lift.

Mr. Metz, a member of the Journal's Boston bureau, is no stranger to the college campus. He holds B.A. and M.A. degrees and is currently pursuing an M. B.A. He also taught freshman English for two years.

dropping to the ground in screams of pain it's not too difficult to assume that that man sitting back on the truck sipping coke and talking to the camera is trying to kill you just as much as that poor gook who is fighting for his country and not some puppet government in Saigon.

Another time in an almost similar setting (this time we were fortunate not to have our ARVN allies with us.) We came upon a booby trap area marked in English and Vietnamese as well. Now this is a common occurance because the V.C. mark their booby trapped areas for the local villagers so they won't get themselves blown away and also because they know if an American commander sees a booby trapped area he'll send his men in to

Until this year, a degree at WPI, of other schools, has represented number of academic value units, or gree," said Mr. Grogan. credits. A course is assigned a certain number of such credits, or credit hours as they are called by some schools. Degrees have been awarded on the basis of a student's collection of the proper number of credits in various prescribed areas of study, with the mix of credits determined by the department whose degree the student seeks.

FRESH START FOR FRESHMEN

But for freshmen beginning at WPI next year, and for eachentering class for three years after that, there will no longer be "credits" to earn, nor will there be prescribed academic programs

As currently envisioned, WPI's civil engineering, chemical en-gineering and mechanical en-gineering departments will spearhead the changeover to the WPI Plan, through a liaison with Worcester and other towns and with several industries. Students from their second year onward will be encouraged to become involved in study projects aimed at helping on such issues as air and water pollution, parking and even urban beautification.

While WPI currently has no new plan promises to put it on nearly a third of the school's then

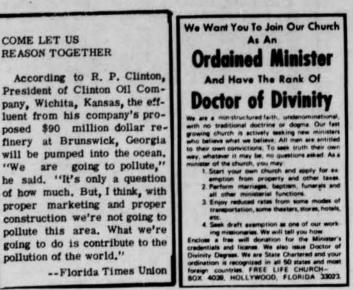
"The question then becomes, how much longer should students be willing to pay us \$2,400 a year to do essentially what the University of Massachusetts cando for \$200 a year?" he says. "If private schools can't offer something unique in education, then they really have little reason to exist."

DIFFICULTIES AHEAD

Nobody at WPI pretends the change will be easy. All agree that the faculty's commitment to the new concept will be crucial, "The usual ivory-tower professor does not generally qualify" to teach under the WPI Plan, says Carl C. Koontz, who heads WPI's civil engineering department. "The need is for people - oriented engineers not engineer engineers, not engineering-orient-ed people."

And faculty cooperation is far serious economic problems, the from assured. At a June meeting

why it's booby trapped. Now we know this, the V.C. knows this, but guess who doesn't know this? That's right, the same guy who was sipping coke and talking to the camera men.

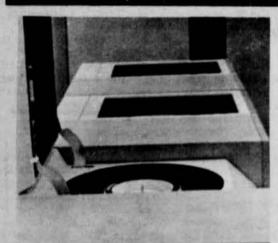


TECH NEWS

Tuesday Oct. 6, 1970

COMPUTER FACILITY FACE LIFTING







In the past year, the computer center, which is located in the subground level of the Gordan Library, has undergone a variety of changes and innovations. The center, officially known as the Worcester Area College Computation Center, or better yet, as WACCC, is becoming even more efficient than in the past and is proving to be an invaluable asset to Worcester Tech and the community.

Most noticeable are the extensive alterations which have been made to the physical plant. The new keypunch area is located along the windows at the rear of the building and is accomodated with a separate entrance from the center itself. There are presently twelve keypunch machines available for student use.

Adjacent to the keypunch area is the new input-output (I-O) facility, which boasts 500 cubicles labeled appropriately with three digits representing the final numberals in the programmer's social security number. This system enables the programmer to pick up his output with much greater speed than the former system allowed. In times past, one had to wait for someone from WACCC to locate his program. To further accelerate operations, there is a full-time WACCC employee to sort input and output.

The former keypunch room now houses offices of WACCC administrators. Distinct from WACCC is the Computer Science Department, which has recently undergone extensive growth of its own. An old store room has been handily rennovated into a series of offices for professors in this department. In addition, there is a classroom, a room for graduate students, and a separate keypunch room for secretaries working solely on student records, scheduling and so forth.

Perhaps the greatest changes are occurring in operations. It seems that the IBM 360 is cut, and the RCA Spectra 70-46 is in, and in a big way. Besides the RCA card-reader and processor, four new RCA magnetic tape discs, which are equivalent to 16 of the IBM discs, have been installed. These new discs will store up to four times as much information as the old discs and are capable of tansmitting this information at twice the rate. The purchase of two IBM printers has served to speed up output considerably.

What is in store for the future? Eventually there are to be four more of the new RCA magnetic tap discs. These will more than compensate for the old RCA and IBM discs. Time-sharing and terminal control, which are now only in partial use, will come into full-time operation. Under this system, three times as much work can be accomplished because the computer is able to work on several programs at the same time. There are currently eight terminals located on campus, four of which are at the center itself. Ten other terminals are located at area colleges, including Clark University and Quinsigamund Community College. Moreover, as another service for the student programmer, several students are now being organized to act as consultants at the center.

WACCC does programming for at least 20 area schools and many businesses in the community. Because of this great demand, the computer center, which is now open from 8:00 a.m. to 11:00 p.m., five days a week, will eventually be in operation 24 hours a day, seven days a week. The computer is here to stay.



pictures by Brad Millman

The Case For A Student Court

One of the potentially most important organs of the Student Government is its Student Court. Yet for the past several months the student body has been without the services of its judicial branch. This situation stemmed from the confusion of last semester when a repeated turnover of presidents and the May strike prevented the Executive Committee from conducting business as usual. Now that fall has brought a return to normalcy, the Student Court is in the process of being organized for the coming academic year.

zed for the coming academic year. The Student-Faculty Court consists of three seniors, two juniors, two faculty members, and one junior who acts as an alternate. The incumbant members are seniors Don Usher and Ned Cunningham and Roy Bourgault of the faculty. Professor Bluemel, recently appointed, replaces Dr. Weiss as the other faculty member. Accord-ing to Usher, the four will meet this week to choose. between the two seniors for a chief justice and to nominate students to fill the reamining vacan-To learn more of the Court's background, we questioned Dr. Weiss, whose term just expired, who was one of th original members of the court when it was instituted four years ago. According to Dr. Weiss, the Court has gradually extended its area of jurisdiction, sometimes with some opposi-tion from the Office of Student Affairs, to include any fraction of college regulations. Not all cases are tried by the Court. Cases are reviewed and only those deemed worthy of its attention are brought to trial. The Court may institute no proceedings of its own but may sit as a board of inquiry. In most cases the Office Student Affairs acts as the prosecution while the Court sits in judgment. However, any student, group of students, of faculty member may act as plaintiff if such is the case. Weiss feels that the Court has been well accepted by the students because it has always ruled to the kids' benefit. That is not to say that the Court has always ruled on the particular defendant's behalf. Indeed, it is often left to the faculty members to temper the severity of the decision rendered by the student justices. However, he felt that the decisions of the Court were always to the best interest of the student body. The handling of academic cases has not always been so satisfactory. In the first place, the Court

by Jack Zorabedian

may only hear such cases if a complaint is initiated by a student or faculty member. Then, once tried, the decision of the Court is only in the form of suggested action. The final decison rests with the faculty member concerned. For these and other reasons, the Court has for some tme been considering instituting an honors system. Professor Bluemel, who had experience with an honors system as an undergraduate at Cal Tech, wonders whether WPI is ready for one. He says that such a system requires the complete committment of the student body. The responsibility for the enforcement of such a code rests with the entire student body who can have no reservations about prosecuting or instigating proceedings against one of its own members. On the part of the faculty it necessitates restraining from using the old watchdog technique of proctoring exams. Students and faculty must be convinced of the importance of the system. The atmosphere of mutual trust an honor code fosters is a truly great experience.

TELETYPE CONSOLES

FOUR (4) REMOTE ENTRY TELETYPE CONSOLES are now available for GENERAL FACULTY and STUDENT use.

TELETYPE CONSOLE #47 IS LOCATED IN KAVEN 209 TELETYPE CONSOLES #44, 45, and 46 ARE LOCATED IN SALISBURY just off main corridor near the south en-

Starting SEPTEMBER 28 these TELETYPE

CONSOLES will be operational from

8 A.M. until 5:00 P.M. weekdays

All teletype usage is on a "FIRST COME FIRST SERVE" basis. The only limitation being that usage is to be LIMITED to a 30 MINUTE MAXIMUM

if others are waiting. However, TELETYPE #47 in KAVEN 209 may be reserved by FACULTY for CLASS DEMON-STRATION purposes. Beservations can be made by contacting Dr. F. A. Chalabi Extension 295, 294.

ANALYSIS

The Student Court could be a very effective tool for the student body. It would be a shame to see it die from the neglect and apathy which its recent lack of activity seems to suggest. New uses might be found such as the ajudicating of disputes between various organizations on campus. In this way it might be established as a sort of college supreme court.

Another unhealthy trend is the appointment of the justices by the Executive Committee upon nomination of the Court itself. There is a danger of the Court's becoming a self-perpetuating institution. The effectiveness of the Court is very sensitive to the opinions of its members, expecially its chief justice. To retain some sense of continuity, perhaps it would be best to allow the Court to select its own chief justice. However, it might be desirable that each year the student body be allowed to elect the new members, student and faculty, to the court.

Another problem has been the general lack of publicity for the Court and its actions. In order to be effective and have the cooperation of the students, the Court must be better known and understood.

All of these suggestions might well be considered during the revision of the old constitution, The TELETYPE CONSOLES in SALISBURY will be under the supervision of the Computation Committee Subcommittee. In case of problems contact any member of the committee. Dr. Chalabi of Civil Engineering will be supervising the use of the TELETYPE CONSOLE in KAVEN 209.

In case of hardware failure contact Al Larson at WACCC Extension 427.

Manuals on BASIC, TFOR, and other languages available on the RCA Spectra 70/46 system are available at the RE-SERVE DESK of the Library.

If you have any questions concerning the use of these TELETYPE CONSOLES please contact any member of the Computation Facility Subcommittee noted below.

Dr. Fattah Chalabi	Extension	295
Dr. Ed Ma		498
Dr. Thad Roddenbery		384
Dr. Phil Stevenson		443
Prof. Ken Scott, Chairman	1	220

FREE UNIVERSITY COMES TO W

Amidst area colleges, a special institution of higher education has evolved - the Free University established by the Worcester Area Campus Ministry for the purpose of bringing people together so that they may learn to use their knowledge to seek solutions to the problems they face. The University is free, open to everyone, requiring absolutely no prerequisites or qualifications.

The Free University, an extension of Boston University's Communiversity, is a community organization of faculty, students, lawyers, doctors, specialists in various fields, ministry and any other interested individuals who seek to solve today's problems. Recognizing the need for universal awareness of common problems, this community effort is thus called the Free University. Under the direction of Rev. Carl Kline, the university offers a series of seminars and workshops based on "parxis" (practice) rather than theory.

Beginning the first week of October, the following courses will be offered:

Ecology Workshop - Tuesday, October 6, 7:30-9:30. The group expects to study and discuss ecology problems earthwide, to develop an en-vironmental consciousness through reading and research, and to help acquaint the community with the realities of pollution. Incorporating the talents of lawyers, scientists, students, and various re-

In these days when "campus radicalism" is on the minds and tongues of every politician and college administrator, it is interesting to note that radical thought and activity does exist even here in little old Worcester. About two weeks ago, a bro-chure was circulated about the various campuses announcing the formation of a free lecture course on Marxism - Leninism given by the Progressive Labor Party once a week this fall. The classes are held Wednesday nights, 7-9 p.m. at Clark Uni-versity Chemistry Building, Room 311. The general subjects to be covered according to

their own information source are: Marxist - Communist philosophy, theory of the development of human societies, economics and the theory of worker's revolution. Questions about to be investigated will be ones of revolution, surplus value, people's war, imperialism, socialism, racism and other popular "New Left" topics. The reading list will include original works by Marx, Engels, Lenin, Stalin, and Mao,

The P.L.P. is a self-professed national communist labor party founded in 1965. Their membership. they claim, includes workers, students, teachers, housewives, and GIs and they are all committed to building a revolutionary movement against U.S. capitalism. Their newspaper, CHAL-LENGE, is published on a three week basis.

The overall aim of the course is to point up the worldwide conflict between Capitalism a n d Socialism and to educate the people of the "radical" Left in the ideological battle to win Socialism men's minds. The climax of the course will be devoted to the possibilities of socialist revolution in U.S.A.

Further information can be obtained by calling their information service at 757-6654. Next week's TECH NEWS will include my reactions to attendance at one of their lectures.

GRE DATES

Educational Testing Service announced today that undergraduates and others preparing to go to graduate school may take the Graduate Record Examinations on any of six different test dates during the current academic year.

The first testing date for the GRE is October 24. 1970. Scores from this administration will be

source people from all occupations, an important focus of the group would be to plan specific ecology actions in the city to improve its environmental quality.

Institution Racism: A Strategy Workshop -Wednesday, Oct. 7, 7:30-9:30.

Focusing upon learning by doing, teams of two will go into the community to develop ways to change policy in relation to employment, housing and education, with emphasis upon both public and private institutions. Most of the time will be spent in the field conduction interviews and gathering data; strategy meetings will analyze the data, plan strategy and evaluate procedures, to the end that white racism in our institutions may be eliminated.

Workshop In Nonviolent Direct Action - Thursday, Oct. 8, 8:00 - 10:00.

survey of existing materials on nonviolent direct action, assessing the state of training in the United States and elsewhere and relating training to action. Readings will include the writings of Gandhi, Mulford Sibley, Barbara Deming, and Richard B. Gregg, The Power of Non-violence. Special lectures will include members of the New England Committee for Nonviolent Action, the Catholic Worker Movement, and the American Friends Service Committee.

War and Conscience - Sunday, Oct. 11 7:30 -9:30.

A seminar on the moral and ethical questions that a young man faces in confronting military service, enlistment, and the draft: Must I destroy life? What are the obligations of citizenship? What does my church say about war? Am I a

WE HAVE

SOLUTIONS TO

Improving the human environment.

conscientious objector? Who decides about conscience? What if I sign up and then change my mind? Should I resist or enlist?

Page 11

Man and Science - Tuesday, Oct. 6, 7:30 - 9:30.

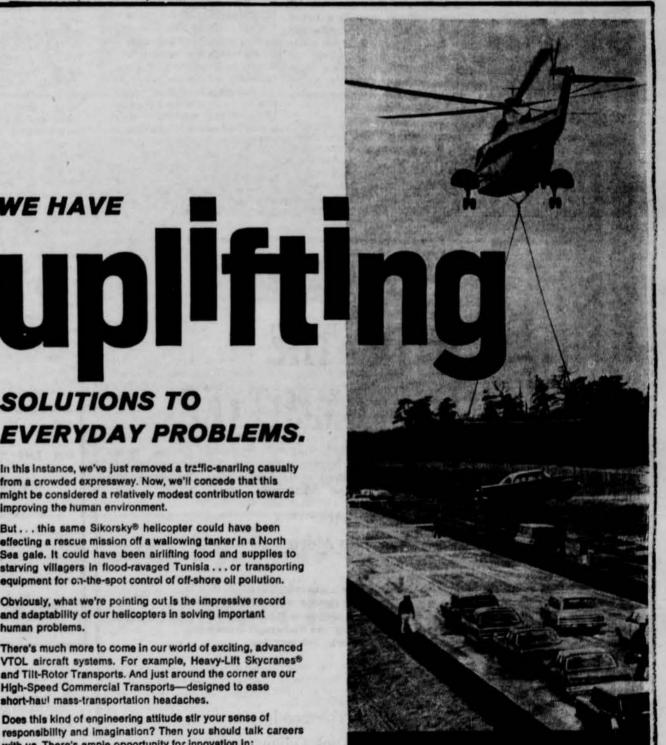
The aim of these discussions will be to situate science and its practical arm, technology, in the totality of human activity. It appears desirable to examine both the human dimension of scientific activity (from the viewpoints not only of traditional philosophy of science, but also of modern developments in the study of myth and of art vis-a-vis science), and the social consequences and control of scientific developments. The Oxford Street Neighborhood - If interested - call Daria at 757-4430.

This program involves the Oxford St. School area. People are needed to help the Quaker Church run a recreation and a tutoring program. They hope to have a one to one relationship for child to older persor to give their children the individual attention they need. The Free Breakfast Program functioning in Chandler St. will be able to expand to other neighborhoods with a little help from interested individuals

Cooking for Men - Thursday, Oct. 8 5:30 - 7:30. Those involved will share the cost, planning, and work involved in preparing a meal once a week. Emphasis will be placed on meals suitable for small groups of people. Some dinner table conversation will be directed toward the role of men in our society. Crisis of the Generation - Time and place to be announced.

Never before in this country has there been such obvious conflict between members of different generations. In this course an attempt will be made to examine the nature of the conflict, its possible causes and consideration of possible directions for resolution. Particular attention will be given to such topics as: Youth as a sub-culture. Alienation, and the meaning of the Identity Crisis.

Anyone interested, just attend the classes or contact Rev. Kline at 19 Schussler Road or call 757-6097. It will be especially well worth college students' time and effort - a free education in learning practical and constructive application of their very expensive college educations. For anyone, the Free University is a chance to learn the feeling of self-satisfaction and of awareness.



reported to the graduate schools about December 1. Students planning to register for the October test date are advised that applications received by ETS after October 6 will incur a \$3.00 late registration fee. After October 9, there is no guarantee that applications for the October test date can be processed.

The other five test dates are December 12, 1970, January 10, February 27, April 24 and June 19, 1971. Equivalent late fee and registration deadlines apply to these dates. Choice of test dates should be determined by the requirements of graduate schools or fellowships to which one is applying. Scores are usually reported to graduate schools five weeks after a test date.

The Graduate Record Examinations include an Aptitude Test of general scholastic ability and Advanced Tests measuring achievement in 20 major fields of study. Full details and registration forms for the GRE are contained in the 1970-71 GRE Information Bulletin. The Bulletin also contains forms and instructions for requesting transcript service on GRE scores already on file with ETS. This booklet may be available on your campus or may be ordered from: Educational Testing Service, Box 955, Princeton, New Jersey 08540; Educational Testing Service, 1947 Center Street, Berkeley, California 94704; Educational Testing Service, 960 Grove Street, Evanston, Illinois 60201. Obviously, what we're pointing out is the impressive record and adaptability of our helicopters in solving important human problems.

equipment for on-the-spot control of off-shore oil pollution.

EVERYDAY PROBLEMS.

In this instance, we've just removed a traffic-snarling casualty

from a crowded expressway. Now, we'll concede that this might be considered a relatively modest contribution towards

But ... this same Sikorsky® helicopter could have been effecting a rescue mission off a wallowing tanker in a North

Sea gale. It could have been airlifting food and supplies to starving villagers in flood-ravaged Tunisia . . . or transporting

There's much more to come in our world of exciting, advanced VTOL aircraft systems. For example, Heavy-Lift Skycranes® and Tilt-Rotor Transports. And just around the corner are our High-Speed Commercial Transports-designed to ease short-haul mass-transportation headaches.

Does this kind of engineering attitude stir your sense of responsibility and imagination? Then you should talk careers with us. There's ample opportunity for innovation in: aerodynamics . human factors engineering . automatic controls • structures engineering • weight prediction • systems analysis . operations research . reliability/ maintainability engineering . autonavigation systems . computer technology . . . and more.

And your career advancement can be accelerated through our corporation-financed Graduate Study Programs-available at many outstanding schools within our area.

Consult your College Placement Office for campus interview dates-or-write to Mr. Leo J. Shalvoy, Professional and Technical Employment.

Sikorsky Aircraft

STRATFORD, CONNECTICUT 06602

Page 12

TECH NEWS

REFLECTIONS OF

Andrew Martin served with the Ninth Infantry Division of the United States Army in Vietnam from August, 1968 to August, 1969. During his tour of duty he was wounded on two occasions and spent more than six weeks in Army hospitals and several months in recuperation. For his actions in combat he was decorated seven times: the Silver Star, two Bronze Stars, two Army Commen-dations for Valor, and two Purple Hearts. He is currently a resident of New Jersey and will return to his college studies in the fall,

I am not writing this article with the intentions of condemning our President, or our government, or the establishment, but because I believe that as a participant in the Vietnam War I am more qualified than most to voice an opinion on the subject as well as write about what is already happening over there Since I've been home from Nam, I have been appalled and disgusted with the amount of literature and oratory that is steadily being inflicted on the American people by people who have never even been to Vietnam let alone bumped through a rice paddy or burned a village to the ground.

I realize that is is a fruitless effort to try to convince some-one what hell is really like, but I believe that for the sake of the guys who didn't make it back, we who did make it back should in some way tell the story the way it really is, through the eyes and mind of an for eleven months. infantry soldier and not some hard hat worker in New York City, or a Vice-President who sits back and helps push others to their death. I guess the first time I realized that there seemed to be something peculiar about my role as liberator and defender of the people of Vietnam was my first search and

destroy mission. Now this I might add is a typical and daily Army procedure based on the assumption that idleness causes happiness, which soldiers must never experience. The whole idea of the operation is to encircle a particular area and like a noose, tighten it up and gather in everyone, or if you're lucky shoot those who don't feel like being gathered. My first encounter with this highly complicated Army tactic involved a five o'clock A.M. awakening (the element of surprise) and surrounding a town. Having accom-plished this we prodeeded to search and awaken the inhabitants and parade into the center market place for interrogation and I.D. checks. If you've seen any late night Nazi movies like I used to watch, then you know how the scene looks and in my case, portray the part. Having only been in the country a short while however, I just couldn't seem to get myself up for the part, as my buddies could. Now I realize that one might not take too much offense to this little harassment, sitting in their comfortable homes here in the U.S., but I couldn't help getting the impression that the Vietnamese people didn't appreciate our obnoxious entrance, let alone enclosing them in a barbed wire enclosure and sitting them or the ground in ninety to one hund-red degree heat. This was not my last such performance while I was a member of the U.S. Army, but was to be performed everyday

Sometimes however, we got lucky and had a change of roles from liberators to exterminate While on one of our afternoon obnoxious raids we ran into a few of the local N.V.A. (North Vietnamese Army) boys with a few villagers who for some reason didn't appreciate our *************

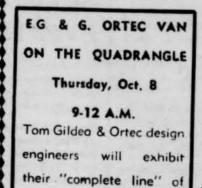
efforts to promote democracy. Well, it didn't take us long to convince then that democracy is the only way to live, or in their case, the only way to die. In fact to prove our point even more, we were ordered to tie their mangled bodies to the front of our trucks (Armored Personnel Carriers) and procede to the nearest village. As we triumphiantly tolled down the main street I was startled to observe the that we weren't getting the hero's welcome that liberators are suppose to get. In fact the impression I did get was that we were hated. Well, this didn't seem to bother our captain. I must admit that he appeared to be enjoying the whole scene, which left me a little confused. After dropping the mangled bodies in the center of the market place and running them over with our trucks, we gallantly and arrogantly departed from our ally's home. Again I must add that being new to the whole scene I didn't quite get the message that day was suppose to give me, but after all, I was new at the game of being a killer. In fact, it took me just about

thirty one days in a hospital to finally comprehend that one day in the village and what it meant, for this wasn't war where we were the good guys, but, baby, we was the bad guys! All thethings I had been taught in school and at home were now to be thrown out, for if they weren't I'd never see that home again. I was being used; it was as simple as that. The U.S. Army had my body for those twelve months and they were trying their hardest to make me a savage, and kill me in doing SO.

oun, mough, i considered myself a human being, and tried to rationalize that this was but one small part of our country doing this to me and that I would contribute as little as possible; yet one day my philosophy on life was changed by two little girls.

Late one morning we were preparing to embark as usual on one of our daily operations' but due to a radio problem in our truck we stayed back. Having fixed the problem we were ordered to catch up with the column (I say "Ordered" because no sane mind goes out along) which was farahead. Following in their tracks because of land mines, we came upon this farm house where the tracks led right through the farmer's garden (No mines in a garden) and the farmer was trying to salvage what little was left. Well, like good American boys aways seem to do, weplayed nice guys and decided to bypass his garden and take another route by these twolittle girls. I guess I knew we had made a mistake when I saw them get up and run and two days later in the Army hospital I waspositive I had made a mistake. Lying in the bed I had a lot of time to think and my mindkept going back to that day in the market place when I couldn't figure out what had made my friends so happy to see hate; it was very clear to me now that a normal human being couldn't kill unless it hated and if I had hated that farmer and those girls I wouldn't be in that hospital. In order for one human to kill another he has to be either insame of filled with hatred, and if I was ever to get home alive I had to learn to hate. When I was sent back to the field this time I wasn't the same nice guy that my mother had raised, but simply a guy with a machine gun surrounded by people who hated his guts, his uniform and his country country.

These people who lived in grass huts, with no roads let alone cars, no electricity nothing that made life what it is here, just wanted to be left alone. They didn't even know what Communism is, let alone



nuclear electronic instru-

mentation.

want to die for it, but they do know hate and have good reason for it, because we of the American Youth have been caged like animals and we feel like animals. Thus we have no pity for these poor people who are caught iin the middle of politics. And if a friend comes along one night and offers these people a little to get even, then do they care if it is a Russian or a Chinese made weapon, or if the guy they shoot is French, American or Australian?

People in America can't seem to realize that there is nothing perfect about our country and if we have made a mistake, then admit it and not go on killing innocent people and their children. It doesn't take a college professor or college student, but justsome exploited infantry man to see we are not wanted there. These people could care less about democracy but just want to grow rice and be given a chance o live.

When the My Lai Massacre first came out in the open the American public was shocked and refused to believe American boys could act in such a barbaric and inhuman manner. In fact, the governmanner. In fact, the govern-ment officials from our all-knowing Vice-President down claimed that they knew American soldiers weren't capable of performing such criminal acts, but as usual these ignorant and stupid statements were voiced by those who have so much to say about something they know so little about.

I've already mentioned the hate a G.I. must build up in order to survive, but in Nam he also experienced a different kind of hate, the kind a man feels when he is relegated to the position of a dog. I am speaking of the treatment the U.S. Soldier received from the U.S. Army because in Nam a G.I. is fighting a war not only against the V.C. and the N.V.A. but the U.S. Army as well.

One day out on one of our usual operations we brought along a company of ARVN (South Vietnamese soldiers) and a camera crew from C.B.S. Supposedly they were to film what the military calls Viet-namization of the war, or in other words have the ARVN's do their own fighting for their own country. (It seems ridiculous that one has to be taught to fight for one's country

Who helps the V.C. and the N.V.A.?) A platoon of V.C. had been spotted in a jungle area and the ARVN's were sent to find them. Well, it didn't take but a few shots to let the ARV-

THIS WEEK WITH THE SOCIAL COMMITTEE

THURSDAY, 4:30 P.M. -

Social Committee Meeting Coffeehouse 7:30 P.M. in Alden

HAMLET 1964 U.S.S.R.

Produced in honor of Shakespeare's quartercentenary, this is it, sum s, deeply moving work of cinema art in which the powerful images do justice to the words. It was directed by Grigori Kozintsev using the Pasternak translation and musical score by Shostakovich. 147 minutes.

Cont. Pg. 9 Col. 4

B FRIDAY, 8:30 P.M. -R Friday The Thirteenth An 0 Gary Shapiro - Dick Donovan idea T The Prairie Oysters H so old E SUNDAY, 7:30 P.M. it's R **Clive Barnes** in Alden back H TUESDAY, OCT. 13th, 8 P.M. -0 in Jazz Concert in Alden 0 style featuring the Art Pelosio Quintet D *************

DEFENSE DEP'T. BAN ATTEMPTED

STONY BROOK, NY -- (CPS) -- The Faculty Senate of the State University of New York at Stony Brook has decided to vote again on a ban on all Defense Department --financed research calling for a mail ballot, which will take at least two weeks. came after Exec-utive Vice President T. A. Berd utive Vice President T. A. Pond told the faculty that he could not "support this resolution, and thus disregarded it." He had therefore, he explained, approved two more research contracts from the Defense Department and expected to approve two more in the near future.

Last spring's action came after a hectic week of meetings following the shock of the Cambodian invasion, followed by the murders at Kent and Jackson. But the out-rage has cooled, and most faculty showed little outrage at the news the administration had decided to ignore the resolution.