



The Tech News

Vol. 60

Worcester, Massachusetts

Tuesday, December 9, 1969

Number 26

Bill to Lower Voting Age Introduced In House

Statement by former Lt. Governor-Atty. General Francis E. Kelly, on filing of his Bill to Lower the Age to 18. Kelly's Bill was filed Wednesday, Nov. 26, 1969 by Rep. Joseph B. Walsh (Dorchester). Kelly has filed this Bill for the past 28 years:--

"It is a recognized fact that today, 18, 19 and 20 year old young men and women are more educated and much more informed than most of their mothers, fathers, grandmothers and grandfathers were at the same age, due to the knowledge available to them thru the means of newspapers, television, radio, movies, magazines and other medias. Our teen-agers today have gained extensive knowledge by means of study at school and colleges which, in many cases, is made possible by the sacrifices and struggles of their devoted mothers and fathers who, themselves could not afford a college education but want their children to have one. Many a father and mother sacrificed a great deal to give their children a college education, auto, better clothes, spending money, etc. - worldly things which they could not have when they were in their teens. While the majority of these young men and women appreciate the sacrifices made by their parents, we find, unfortunately, that some do not and are very unappreciative and ungrateful, causing their good mothers and fathers many heartaches and grief.

"Some of our 50 states have legalized voting at the age of 18, with highly successful results. In fact, records show that there is a higher percentage of voters within the age range of 18, 19 and 20, in the States where the 18 year old vote law is in effect - than there is among voters of 21 years old and over in other States which have not enacted the law, such as Massachusetts.

"A girl in Massachusetts can legally marry at the age of 18 without the consent of either parent. An 18 year old young man can be drafted without the consent of either his mother or father. A 17-year old girl or boy is considered an adult in all the Massachusetts criminal courts. A 16-year older in Massachusetts can obtain a license

to drive an auto - which has proven to be a highly dangerous weapon of destruction to life, limb and property. Massachusetts labor laws treat girls of 18 as women. Our State and Federal governments impose the same Income Taxes on employed 18, 19 and 20 year old men and women in Massachusetts as they impose on every person 21 years of age or over.

"College students and other teen-age citizens under the age of 21, are taking a greater interest in politics and public issues --yet, they are denied the right to vote! Let us show these young men and women of today that they are wanted by their elders of 21 years of age and over. Let us show them that we are interested in their views on political and public questions. Let them bring their gripes and protests off the streets and into the polls. Most of these young men and women will appreciate this new responsibility. I predict that if 18, 19 and 20 year olders are given an opportunity to vote in Massachusetts, that they will take an even more active and serious interest in the public affairs of their towns, citizens, states and country. They will become more civic-minded and there will be less crime and rioting. "For the present, no person should hold an elective office until he or she is 21.

"Today's mandatory voting age of 21 is Arbitrary, Antiquated and Contrary to our modern age. It dates back to the days of the Mayflower when teen-agers were not supposed to have any brains and were supposed to be seen and not heard. The 18 year old Massachusetts citizens are certainly much smarter than the 21 year old men and women of 150 to 300 years ago. Let us make progress in Massachusetts. Horse and Buggy days are changed. We are living in a day of a round trip to the Moon.

"For 28 years I have been trying to legalize voting at 18. Some Massachusetts laws are backward and not abreast of the times on many public questions. This is but one of many. Our State, however, is not backward or bashful in increasing Taxes and the Cost of Living for its citizens!"

Counselor Will Spend Two Days On Campus

Dr. George Higgins, college counselor and Associate Professor of Psychology at Trinity College, Hartford, will spend today and tomorrow Dec. 9 and 10 on campus. A guest of the WPI Planning Committee, he will talk with faculty and students on formal and informal situations.

The highlight of this visit will be an open discussion on "The Psychology of the College Student (and Faculty Member)" in Gordon Seminar Room at 6:30 p.m., Tues-

day evening. While this talk was scheduled originally for the benefit of the student environment sub-committee of the WPI Planning Committee, anyone may attend and participate.

Dinner with Dr. Higgins will be held in Morgan Hall prior to the discussion. Any faculty member may attend. The meal will cost \$1.75. Dr. Higgins will also visit informally with faculty in the faculty coffee lounge on Wednesday morning.

Winter Weekend Features Joni Mitchell, Blanket Concert

by J.D. Cattell II

Winter weekend this year opens on Friday evening, at 8 p.m., in Harrington Auditorium, with a concert given by Joni Mitchell, Joni,

whose writing credits include "Both Sides Now", had decided to quit the concert business for a year. Her concert here and an-

other in Buffalo will end a very successful string of public appearances. Her stunning physical attributes matched her vocal virtuosity, thereby promising this to be an excellent evening of entertainment. Tickets for this concert are \$2.50 for Tech students and their dates, while \$3.50 for others.

Saturday at 2 p.m. in the Alumni Gym will be a blanket concert with the McCoys and comedian Uncle Dirty. The McCoys are a rock group which has been around for quite a while. Most of you remember "Hang on Sloopy" and "Fever", which were popular a few years back and were cut when they were still in their middle teens. They grown up a bit since then, which is reflected in their two most recent albums. It is too bad they do not have the public notoriety due them.

Uncle Dirty (Bob Altman) is a former Wall Street broker and Miami cabaret owner turned comedian. He is a combination of several successful typical jokesters, folding into a pattern mostly reminiscent of Mort Sahl. He is learned, likeable and without a doubt an excellent showman.

A bar will be set up and drinks of all kinds will be available for a nominal fee. Tickets for this Saturday afternoon extravaganza will be \$1.00 for Tech students, and \$2.00 for others.

Saturday night our basketball team swings into action and on Sunday at 3 p.m. the Lowell State College Concert Choir will give a concert as part of the Worcester Art Museum series at the Art Museum court.



Joni Mitchell, appearing in concert at Harrington, Fri. Dec. 12 at 8:00 p.m.

Peace Corps Program Extended and Expanded

The officials of the Peace Corps and the State University of New York College at Brockport announced completion of arrangements for continuing and extending the unique Peace Corps/College Degree Program to admit a fourth group of candidates in June, 1970. The members of the first contingent completing the fifteen-month program which combines the upper division undergraduate education with Peace Corps preparation are now serving on bi-national educational development teams in the Dominican Republic the second group is now serving in similar assignments in Peru and Honduras; the third group is now in the academic year phase of this joint project and is slated for overseas assignment in Latin America in August, 1970.

The candidates will be selected from the ranks of students in good standing at an accredited college who are completing their sophomore or junior year by June, 1970. Those selected will be able to earn an A.B. or B.S. degree and be eligible for a Peace Corps assignment in one academic year flanked by two summers of fully subsidized and integrated academic courses and Peace Corps training. They are expected to major in mathematics or the sciences; those who have completed their junior year prior to entrance into the program have the opportunity for a double-major.

At the end of the second summer armed with the degree, a teaching license, in-depth cross cultural preparation and fluency in Spanish the graduates as Peace Corps Volunteers will be off on their Latin American assignment.

As members of the staffs of teacher training institutions and/or consultants to secondary teachers of mathematics or science, they are important participants in the educational development efforts of their host countries. During their two year sojourn they have the opportunity to earn up to twelve semester hours graduate credit.

Peace Corps and college officials pointed out the several features which make this joint program unique including: academic credit for Peace Corps training, two fully subsidized summer sessions totalling thirty semester credit hours, in-depth Peace Corps training synchronized with the liberal arts and specialized professional preparation, individualized programming, opportunity for double majors and supervised overseas graduate work.

"This integrated program is based on our two fold conviction that (1) to combine the college and Peace Corps experiences is to make both more relevant and meaningful and the personal product more valuable (2) to provide much needed skilled specialists --- mathematics and science teachers--as Peace Corps Volunteers in Latin America is to make a significant contribution to all concerned," said President Albert Warren Brown, of the State University College at Brockport in announcing the extension of this unique partnership.

For further information, write Dr. John C. Crandall Peace Corps I College Degree Program State University College at Brockport Brockport, N.Y. 14420

AEP Sponsors Walk Against Hunger

A group of sixteen brothers and pledges of Alpha Epsilon Pi left their fraternity house at 9:30 a.m. Saturday to begin a "Walk Against Hunger". The purpose behind the walk was to raise money for Christmas dinners for the needy children of Worcester. Each walker, representing a different Worcester area company, was paid a specific amount of money (anywhere from five cents to a dollar) for each mile he walked.

The walkers, heading down Route 9 toward Boston stopped only for very short rest periods and once for their lunch which they carried with them. After about ten miles of walking most of the original sixteen had dropped out and by

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Faculty Elects Four Members to TCC

The faculty has elected four members of the "Tech Community Council". As under the terms of the proposed council the faculty chose two faculty members, one student and one administrator. The two faculty members are Prof. Roy Bourgault (Mechanical Engineering) and Prof. Armand Silva (Civil Engineering). The student representative is Lenny Polizzotto, and the administrator is Kenneth Nourse, Director of Admissions.

The Tech News

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Editorial

**"Let us not look back
 in anger,
 nor forward
 in fear,
 but around
 in awareness."**

— James Thurber



Masochistic Introspection

The American Constitution does not provide for the office of court jester in the federal government. But Americans have always been a practical race, ready to "make do" with whatever is available, and have now adopted the Vice President as a modern court jester. Both Johnson and Humphrey filled that role quite well. It is tempting to dismiss Agnew as simply the best jester to date and as the result of another Nixon blunder and to laugh him off.

But to dismiss Agnew that lightly would be a serious mistake, for it is very possible that, as Stewart Alsop wrote recently, ".....he is a more formidable political figure than those who laugh at him realize....because his style of speech and thought precisely mirrors the style of the "Middle Americans" who make up the great majority of the American electorate". Certainly the signs are there. In a poll taken the weekend of the march on Washington, 68% of the American people approved of Nixon and his goals. The reaction to Agnew's speeches has been favorable and the "Silent Majority" has rallied, turning on the headlights to support the President.

Nixon has waved the flag, stating in his own speeches and through the speeches and actions of his administration, that his way is the American way and that opposition to his policies is unpatriotic. Apparently the American people now agree and the peace movement seems at a dead end. The flag has been degraded to the point where as a character in an Art Buchwald column comments, "Anyone who flies the American flag is a hawk."

It would be easy to attack Nixon on the basis that we should be less concerned with extending our unbeaten string of wars and more concerned with the Vietnamese people. But the peace movement in general is not concerned with the Vietnamese, either. When did they read the Vietnamese dead? (Admittedly, I'm not really concerned either, especially being no. 352.)

The attitude that "All disagreements should end at the water's edge is the result of the increasing equating of the country with the President, two separate institutions which are often not mutually beneficial. This is not a traditional American belief, as the following shows, ".....when any Form of Government becomes destructive of these ends (Life, Liberty, and the Pursuit of Happiness), it is the Right of the People to alter or to abolish it and to institute New Government....."

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Fast For Peace

To The Editor:

There is a saying here at Yale: "when you are being raped the issue isn't negotiation, it is withdrawal." In the rape of Vietnam that is exactly the issue. For two years first Lyndon Johnson and now Richard Nixon have consistently ignored our demands for an end to this war. Instead they have persisted in their uncompromising stance at the Paris peace talks which drag on while thousands are dying. We have expressed our protest in many ways culminating on October 15 and in the national moratorium, and are still being ignored. Now we propose another level of protest which the president will not be able to ignore.

The idea of a National Fast for Peace on the days of the moratorium had its beginning here at Yale and is now spreading rapidly. On October 15, five hundred fasters here and elsewhere began the movement. There are now over three thousand students, professors, and professional men in this area who have signed the enclosed commitment. We are encouraged by medical, religious, and political advisors of many universities including Reverend William Sloane Coffin Jr., Vincent Scully (Yale

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The Liberal View by PAUL CLEARY The Draft Lottery And Viet Nam

One week ago last Monday, all of the male population of Worcester Tech sat breathlessly around their television sets and radios waiting for news on how their birthdates had done in the First Annual Richard Nixon Draft Lottery. The dates picked began with September 14 and whenever someone in the room would hear his birthdate called out a frustrated expletive would be barely muffled as that individual stomped out the door.

As one whose number will not likely be reached, I certainly have reason to be relieved. On the other hand, now I'll never know what I would have done had I been drafted. When I initially registered for the draft, I registered as a conscientious objector. What followed was a great deal of "misunderstanding" with my local board which classified me 1-A. After one personal appearance and a written appeal, I finally was given a 2-S deferment in June of my sophomore year. I am almost certain that my board would have denied my CO application leaving me with a decision of whether or not to refuse induction, had it not been for the draft lottery. Now, I will probably never know whether or not I would have had the courage to refuse to serve in Vietnam and accept a federal prison instead. Mr. Nixon may have saved me from five years in jail.

The draft lottery is good in the respect that it enables an individual to plan his future with some idea of whether or not he will be called to serve. Unfortunately, individuals will still be called to deliver their bodies over to the military for use as cannon fodder in the crazy war in Vietnam. That aspect of military service has not changed. The only difference is that now we have some notion of what the faces will look like that will be fighting in Southeast Asia.

I feel glad that many people I know will not be asked to serve in such a useless, illegal, and immoral venture such as the Vietnam War, but in a larger context it makes no difference who the individuals are who will do the fighting there. The problem is that we are involved in Vietnam at all. That has always been the problem, and a lottery draft will not change that. President Nixon is shuffling the deck, but dealing the same cards. Perhaps the solution is the end to all forms of military draft.

Daniel Webster asked in the House of Representatives on January 14, 1814, "Where it is written in the Constitution, in what article or section is it contained, that you may take children from their parents and parents from their children, and compel them to fight the battle of any war in which the folly and wickedness of the government may engage itself?"

Webster closed his speech by stating that, "A free government with an uncontrolled power of military conscription is the most ridiculous and abominable contradiction and nonsense that ever entered into the head of man."

From Dean Techman Van de Visse Swallows His Words

The young ladies of
Morey Hall
Becker Junior College
Dear Ladies:

First, I wish to extend my personal apologies to each of you whom I have unwittingly offended. Your point is well taken, and I agree that an apology is of necessity.

Your image on the hill is two sided. Seriously, many Tech men enjoy the company of the Becker girls. Jokingly, Becker is the brunt of many a tale! But remember, the spirit in which it exists is not necessarily malicious. It is akin to the same type humor in which the Pollock jokes are told: how many of us are really prejudiced against the Poles? I certainly hope that there are very, very few! And I hope the same for Becker.

It is my wish that you now understand the context in which that unfortunate remark was written.

My apologies once again.
Sincerely,
Phil Brodeur

To The Editor:

You may or may not think that the following comments and letter quoted from one of my colleagues at a nearby college worthwhile. Since normally none of us get too excited about events away from home, I suspect this will be so. Usually it takes something personal and probably tragic, on our own doorstep, to make us wake up and be aware of problems that do exist all around us.

In any event, I would like to repeat to you for possible publication in our college newspaper, the following article and letter that appeared in The National Observer, November 3, 1969. It comes from Dean Robert Ward of Amherst College, who is a personal friend of mine.

Because I feel so strongly about this problem and because this letter has so much feeling in it, perhaps you will print my letter in its entirety for the benefit of our students.

QUOTE "Death on Campus - An American Tragedy: At Amherst College in western Massachusetts a student died by falling 70 feet off the roof of a dormitory; he had earlier taken a trip on LSD. George Meuntencastle was a Har-

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Professional Engineer, Scientist, Or Pursue Graduate Study ?

The Applied Physics Laboratory is a technical laboratory dedicated exclusively to research, development, and systems engineering. Weapon systems, space, urban transportation, geophysics and medical physics are some of the areas studied.

APL is a division of The Johns Hopkins University. It has a total staff of 2500, of whom 1000 are professional engineers and scientists. The main laboratory is at a 355 acre country site within commuting distance of Washington, D.C., and Baltimore, Maryland.

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Design and development at APL means taking your original idea for a device or system and following it through yourself through breadboard, test, and final stages. You are responsible for a finished prototype or working device. Electronics engineers design circuits and systems used for missile guidance, radars, computers, communications, signal processing, controls, and other areas. Mechanical engineers design structures, thermal devices, special mechanisms, conduct applied research in propulsion and materials.

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The systems engineer views the problem of a larger system as a whole, rather than the details of its individual circuits or devices as such. Systems engineering requires the formulation of value judgements regarding the interaction of subsystems, weak links in the system, and the resolution of conflicting requirements at the subsystem level to achieve an overall objective.

SYSTEMS EVALUATION

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If you have a B.S. or M.S. degree, you are enrolled in a four-month training program taught by Laboratory personnel. This program serves as a link between your college work and the activities at APL. You are then assigned to a group at the Laboratory that best suits your interests and abilities.

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you are encouraged to undertake graduate courses at the Laboratory's expense at any of seven local universities. In addition, four complete graduate programs - Electrical Engineering, Numerical Science, Space Technology, and Applied Physics - are offered by The Johns Hopkins University at our facilities.

To assess your possible future at APL, sign up for an interview on December 10, 1969.

If you are unable to schedule an interview, write to:

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Music...

FOREVER CHANGES

By Bill Light

"I know you deceive me; now here's a surprise..."

- Peter Townshend, "I Can See For Miles"

That line describes the impression that I got when the Who came on stage at Holy Cross several weeks ago. Before they started to

play, they seemed tired and I wondered if they would be able to display the extraordinary energy they are known for. They then proceeded to go into an incredibly long show with effortless ease. They warmed up with four songs, went through the "Tommy" opera

and played a final set finishing with their instrument smashing cue, "My Generation." There was no destruction though. I guess the energy they previously would release by smashing their instruments had been spent doing "Tommy". They did smash their instruments at Woodstock, but that was Woodstock.

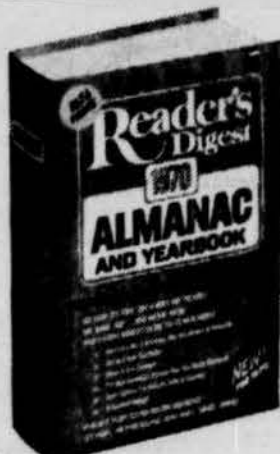
As the performance progressed Townshend's guitar seemed to ring harder and faster. It tended to make you hear forever by getting you directly involved with the music. Depending how it effects you and communicates to you, you can perceive a kind of kineticism in the opera in bursts of energy, that leads toward an infinite musical perspective. This feeling is heightened by a live performance where the sound is heavier because of no orchestral back up, the sound is much louder and the drums cannot be under recorded.

Townshend created "Tommy" to

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ANTI-VIETNAM WAR PETITION
ALL DAY FRIDAY
IN DANIELS HALL
—CCS—

Thoughts

by Jim Hannoosh

Is my existence really worthwhile? Why should I live only to rot after some finite space? Am I going anywhere? Is the world going anywhere?

Maybe I should live to learn. Learn as much as my skull can hold in seventy-five years only to have that knowledge returned to from whence it came - the earth.

As I write this I look at the world through the window of my eyes and sense how much man has taken and not returned to this sphere he calls earth. Maybe I should live to preserve this environment.

Maybe life is a useless search for a goal never identified and never achieved. Always next week, always just beyond my reach.

Maybe in the fruitlessness that is life stands the hope that is some type of greater force - some type of GOD. Maybe in man's search for something positive to live for he has created for himself a dream world after death.

Maybe, if during his lifetime he touches no one he will be worthy of his paradise.

Maybe the only "right" thing to do in life is to study oneself. Maybe through personal experience, historical experience and some type of social consciousness one can find a reason to exist.

And - who knows - at the end of the search maybe the reason for existence will be evident to me.

Maybe - Maybe not.

Peace.

WHAT'S UP

CAMPUS

- Dec 9: Harlem Globe Trotters. Harrington Auditorium, 8 p.m.
- Dec. 10: Varsity Wrestling Tech vs. Coast Guard, 7:30 p.m.
- Dec. 11: Assembly Aiden Memorial "Insurance" at 10:45 a.m.
- Dec. 11: Francais J. Megrath City Manager of Worcester, Gordon Seminar Room, 7:30 p.m.
- Dec. 12-14: Winter Weekend "Joni Mitchell, 8:30 p.m., Harrington Auditorium.
- Dec. 13: The McCoys Aiden Memorial and Comedian Uncle Dirty

WORCESTER

- Dec. 9: Fenwick Theatre: Shakespeare's "Richard III" Curtain time 8:30 p.m. Holy Cross Repeated nightly thru Dec. 14.

BOSTON PLAYS:

- "Ulysses in Nighttown" by James Joyce. Mit. Dramashop, Kresge Auditorium Dec. 12-13, 8:30 p.m. Tickets \$2.00.
- "A Flea in her Ear" Charles playhouse
- "Adaptation Next" 136 Mass. Ave. Tel 426-6609, Proposition Edmond Sq.

BOSTON CONCERT:

- Dec. 8-14: Dizzy Gillespie Jazz Workshop
- Dec. 8-9: Jethro Tull Boston Tea Party
- Dec. 11-13: "Johnny Winter" and "The sons of Champlain" Tea Party.

Ballot Tech Community Council

The following students, faculty and administrators were nominated. Kindly elect by circling names as indicated.

ELECTION IS THURSDAY

Dec. 11, 8:00 a.m. - 5:00 p.m. in Daniels Hall

STUDENTS

Circle two (2) names

- Paul Ash '71
- Robert Epstein '73
- Ben Katcoff '71
- Vincent Pace '71
- Bob Rosenberg '71
- Tony Weston '71
- Paul Popinchalk '71

FACULTY

Circle one (1) name

- V. Blumel, PH
- H. Corey, ME
- R. Olson, MA

ADMINISTRATION

Circle one (1) name

- Wm. Elliot, Admissions
- Stephen Hebert, Alumni

THE FACULTY PEN



Review...

"Barefoot In Park" - "A Success"

by Glenn White



Connie Bratter (Judi Edwards) fends off her drunken husband (Mark Richards).

Barefoot In The Park was a theatrical, if not commercial, success for the Masque and acting as good as any seen here in Masque productions in the past made it so. Although only three hundred people attended each night, the performance deserved many more.

Unrelated comment -- perhaps Barefoot In The Park, changed of course to fit the current trend in theater, will be revived on Broadway as Bareass In The Park.

The plot itself was disappointing. It developed into a conflict between two essentially different personalities. Corie Bratter, the bride of six days, played by Judi Edwards of Clark University, was a "doer", a person interested in fun and living by wild impulse. Her husband, played by Mark Richards, a Tech freshman, is a lawyer, rational, a person who has to tell his wife when he's drunk. The wife presented the emotional side of life, the husband the intellectual side. Both characters were incomplete as human beings, and the resolution of the conflict could have been interesting.

But Neil Simon writes for popularity and for comedy and not for the sake of art and is very good at it (four shows on Broadway simultaneously). He resolves the plot in the Good Old American style--the wife and husband have their first quarrel, the husband leaves, comes back drunk, the wife learns the error of her way, and the two live happily and

rationality ever after. Typical situation comedy, typical ending.

But such a fault (if indeed, it is a fault and not just friction from the collision of two different value systems) cannot be blamed on the actors. The leading performance of the evening belonged to Judi Edwards, who, as Corie Bratter, seemed to be the character. Richard Socha, as the telephone repairman who has to scale the five (or six) flights up to the newlywed's apartment put in a very humorous performance and received an ovation upon his second

exit from the stage Friday night. Victor Velasco, played by Jim Bagaglio, was also done well, especially during the first and second acts when Victor was the archetype of the pseudo-dashing, self-proclaimed, middleaged Casanova. The young actors had trouble portraying old men, which is only to be expected. There is a critical stage in acting which distinguishes between an actor who is playing a role, however well, and an actor who is his character. This point is much harder to cross if the character is radically different in personality or in age from the actor. This could be noticed in the performance of Mary Mulvehill as Corie's mother and of Alan Edwards as the aged delivery man, who, while both had obviously put a lot of work into preparing for the roles, still were only portraying the character.

Mark Richards seemed a bit forced into the stereotyped lawyer role but performed admirably his portrayal of a young newlywed who finds out that marriage doesn't solve all the problems and in fact will create some more. Mark did have a few forgetful moments in later acts but he cleverly maneuvered the props while regaining his memory so that these moments were hardly ever noticed.

The entire play on the whole ran quite smoothly and many attending the performances felt that B.I.P. was one of the best plays the Masque has ever presented.



Jim Bagaglio raps with Mary Mulvehill in a scene from "Barefoot in the Park".

Glee Club Presents Concert

by Dave Hobill

The W.P.I. Glee club and the glee club of Wheelock College presented a delightful winter concert in the sanctuary of Trinity Lutheran Church last Friday night. The program consisted mainly of music of the Advent period. With the Wheelock College members dressed in green and the Tech glee club dressed in black and white, the sanctuary, decorated for the Christmas season, proved to be an appropriate setting for the concert. Both groups performed with beauty and grace, not only separately but together, as well in the major performance of the evening, the "Magnificat" of Johann Sebastian Bach.

Under the direction of Peter Edwards, the young women opened the concert with performance of two works by Brahms, "O Bone Jesu" and "Adoramus". The members of the chorus maintained an exceptional clarity and acuteness throughout both works. Kodaly's complex "The Angels and Shepherds" was performed extremely masterfully. The intricate passages of this work were never slurred nor was there any faltering by any of the members of the glee club. Beginning with a few voices the piece developed into triumphant and very beautiful

ful choral sound.

"What Are Years?" (a work commissioned for the Wheelock Choral series) by Henry Morgan was accompanied by Mr. Edwards on the piano. This piece was definitely contemporary in context, quite delicate and was certainly admirably presented.

The Tech Glee Club, directed by Louis Curran, produced a very beautiful sound in the three works that they performed a capella. Jan Sweelinck's "Chante a Dieu Chanson Nouvelle" was produced with much richness and with just enough coloration from the tenors.

The Marino "Diffusa Est Gratia" was a little more forceful and energetic as the glee club settled down to perform splendidly for the remainder of the evening.

"Come Again Sweet Love" of John Dowland proved to be quite a favorite with the audience though at one point coherence and harmony was momentarily lost. This flaw was soon overcome and the remainder of the piece was rendered with almost perfect smoothness.

After a brief intermission, came the highlight of the evening the performance of Bach's "Magnificat" with the combined glee clubs, members of the Sinfonia de Camera (some of whom are members of the Boston Symphony Orchestra) and four soloists who are now students at Hartt College of Music at the University of Hartford.

Soprano Alexi Providakes seemed to lack in volume at the lower notes of her aria, "Quia Resperxit", but she certainly displayed an excellent command of the higher ranges. Sally Williams' alto voice was quite clear and harmonized particularly well with the voice of Tenor Barry Abelson in the duet. Mr. Abelson did seem to be a bit tremulous, though, during the opening portions of his solo. Wayne McCalla's full bodied tones were extremely effective in the "Quia Fecit".

The audience was urged to participate in the performance by singing a number of carols which were interspersed throughout the "Magnificat". Organist John Floreen accompanied on the Trinity organ.

Prof. Curran gathered all of the prominent qualities of the chorus, soloists and ensemble to produce a rich, rewarding performance of the Bach "Magnificat" for those attending Friday night's concert.

PAROCHIALISM?

by Imre Zwiebel, Associate Professor, Chemical Engineering

I was flattered when Glenn White asked me to write an article for the Faculty Pen Column. With so many controversial issues floating around the campus, and the educational community in general, it should be an easy matter to jot down a few random words and add fuel to the already raging fires. Instead, I would like to ask a few questions.

As an engineer, I cannot help but feel a degree of disappointment when a student forsakes (or at least expresses a desire to forsake) a technical career for a position in management. It seems, from the discussions I hear that the ultimate measure of achievement is the attainment of a managerial position, and with it the corresponding materialistic rewards. So, there is excitement about management. faculty talk about it, students are anxious to get it. On the other hand, rumors have it, that compared to some other schools, WPI alumni get relatively few TOP level industrial positions. This, in spite of our extensive preoccupation with the subject. It makes me wonder whether or not we know anything about management. Some people say that unless one is trained in the management areas, that is, unless he takes that proper courses, he cannot succeed in the field. It seems to me that such claims for the invulnerability of courses is an exaggeration of sorts.

Indeed, I do wonder whether we know anything at all about management; or maybe we know all that is to be known. It is this latter point that we demonstrate when we decide not to hear people who have achieved the rank and position we seem to covet with such great enthusiasm. At least this is the impression we gave, when only fifty people attended a lecture given by the representative of management from a top corporation when he talked on what I think is an important management subject: "Management's Responsibility to its Employees".

It concerns me whether this indifference is due to the routine burdens of our exam-ridden educational system, or is it a deep-seated parochial apathy to people and activities outside our discipline. It seems to me we categorically assume that a speaker sponsored by a particular Department cannot address himself to an interdisciplinary subject in a manner that could be of universal interest. Many people have claimed, and I whole-heartedly subscribe to the thesis, that most to today's problems are the result of the lack in interdisciplinary communication and cooperation. By shutting out these relatively recent overtures to interdisciplinary ventures we are only contributing to the credibility gap between disciplines and are perpetuating the old methods of departmentalized technical education.

I would characterize employee relations as interdisciplinary management problems whether they are in the chemical industry or anywhere else. But only a few non-Chemical Engineers attended the above mentioned colloquium. This is not a confined incident, similar apathetic behavior has been exhibited by our WPI community when, for example, lecturers dealing with social problems were invited, or when cultural events were sponsored. Perhaps a touch of that "humanism" is really needed. Not even pollution is a forceful enough drawing card. The Sigma Xi lecture last Wednesday, dealing with the contamination of the oceans, was attended only by a handful of people. Why?



Corie Bratter (Judi Edwards) helps the delivery man (Alan Edwards) while telephone repairman Richard Socha looks on.

Literary Magazine

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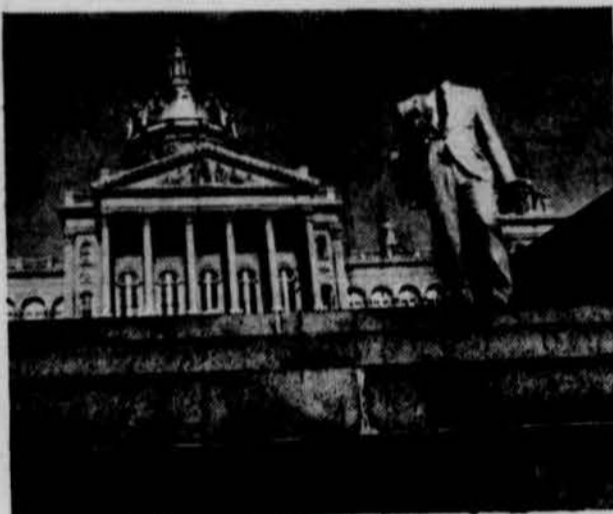
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Numbers Picked In New Draft Lottery

The first yearly drawing for the new draft lottery system was held last Monday night. The new draft law, passed by both houses, signed by the President and put into effect, all in one week, is part of Nixon's campaign promise to reform and eventually abolish the draft. However, it is seen by many of the President's critics simply as an attempt to buy off support from the anti-war movement.

Those who will be drafted are selected according to date of birth. For example, if the first date drawn is March 20, those born on this date will be assigned number one, and each draft board will choose all men with number one (except for deferred or exempt cases) before those with number two. Administration officials say that for 1970 those with numbers up to 122 are assured of being drafted, and those from 244 to 366 have almost no chance. Anyone with a deferment is safe until it lapses, then he will keep his assigned number and be placed on the highest priority list for one year. Under the lottery, men would be drafted during the year in which their twentieth birthday fell, unless deferred or exempt. Those who were not drafted during this year would be passed by, unless there was a national emergency. Those who are 26 now will be placed in a low priority group, which is the same as those who have been passed by, and again, can only be drafted in time of national emergency.

Reaction at Tech to the new law was mixed. As expected, most of those in the first third didn't particularly care for it, and those in the last third were elated. However, there were quite a few

who saw the change merely as "more of Nixon's tokenism", or as one student put it, "just a half-assed change in a system that should not exist in the first place." Another student said, "I think the lottery is as fair a system as is possible."

A representative of a local draft counselling service has recommended that students not drop their 2-S deferments if they have a high number, because of a possible change back to the old system. Congress has scheduled hearings on the draft for February of next year, and some think that the lottery could be repealed. In a case where a student has dropped his deferment and received an induction notice, but not finished school yet, he is entitled to a 1-S (C) deferment, which grants him a one year reprieve.

FEW ATTEND MCDONALD LECTURE

by Paul Cleary

On November 18, Dr. Forest McDonald of Wayne State University in Detroit spoke before an overwhelming crowd of about 50 people in Morgan Lounge. By some cruel twist of fate I was given the task of covering that speech for THE TECH NEWS. I regard that assignment as a task only because I would have preferred to have just sat and listened to Dr. McDonald rather than having to take notes on what was said. At any rate, my feeling toward writing an article on Dr. McDonald's talk is this: Those people who were really interested in hearing what was said were there and know what was said. Those who weren't there, I assume, weren't really interested in hearing McDonald, and probably wouldn't be bothered reading a news story on what he said. For that reason, I have decided to write the article on what Dr. McDonald may have said (among

other things).

The amazing turnout from the student body (an unbelievable 3.5%) was only matched by that of the faculty. Representing the technological degree departments were Professors Boyd, Weininger, Hammond, and Olson. The humanities department was represented by Professors Hart, Schniederman, and Worsley.

The title of Dr. McDonald's speech was "The Irrelevancy of Relevancy" and he did deal with technological education. He may have stated that the basis for his speech was contingent upon four historical events: 1) The Edict of Nantes, 2) The Treaty of Fort Stanwyck, 3) Planck's Theory, and 4) Attila the Hun.

Dr. McDonald may have then launched into a dissertation on the uselessness of the Physics and Electrical Engineering departments at Worcester Tech and why they should be abolished imme-

diately. Dr. McDonald may have made his point by means of a simile which compared Arthur C. Clarke to the "Mighty Casey" and the Physics and EE departments to the rest of the "Mudville Nine."

Before I end, I suppose I should attempt to make at least one point to give this article some redeeming social value. There is a move now to open up the intellectual atmosphere at WPI -- the Planning Report is the most obvious example of this. Opposition to the report has stated that the present WPI student lacks the intellectual curiosity, among other things, to educate himself. The fact that such a small portion of the students came to listen to Dr. McDonald lends credence to this, but different admission requirements can change the type of student Worcester Tech accepts. My question is this: What does an institution do whose faculty lacks that same intellectual curiosity?

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Students Represent Worcester In Washington March

by Paul Cleary

On Thursday, November 13, at 11:00 p.m., a bus left Worcester Tech carrying 40 people to Washington, D.C. for the March Against Death the next day, and the mass Forever Changes

Cont. from pg. 3 col. 3

symbolize "the wholly wise and pure...who is shielded from the materialism of life", a person who "develops himself through his own simple thoughts."

Through Tommy's life the opera tends to show the horrors of this world. Tommy is a deaf, dumb, and blind boy who has been brain-washed by his parents after he saw his father murder his mother's lover, tortured sadistically by his cousin, sexually molested by his uncle, and sent on an LSD trip by a gypsy. Tommy becomes terrified by the violence and indifference in the world, but he makes a miraculous recovery and triumph over these evils. He acquires a mysterious power and becomes a savior of the "rock generation." Tommy is the martyr of the older generation and the messiah of the younger generation who ultimately becomes a tyrant.

When the Who's performance was over, I felt numb and emotionally drained. I could not get the opera out of my mind. Critic Paul Williams explained this type of feeling quite well when he compares it to the special feeling after the last words of a book are read, that goes on and on extending that book and yourself forever into now, the sudden unexpected sense of the real, the flash of power and together, in your mind.

Rock and roll has entered the realm of forever...

march and rally on the fifteenth. Since sleeping on a bus is impossible for any length of time, I had ample opportunity to sit in the darkness anticipating the "Easy Riderization" of all of us as soon as we crossed the Mason-Dixon line. Needless to say, that never materialized and we arrived in Washington after a nine hour experience during which the last three vertebrae on my spinal column became the permanent property of the Peter Pan bus company. Dennis Lipka and myself were assigned the role of marshals for the bus once we arrived at our reception center, which essentially entitled us to a free photograph taken by our friendly government agent as soon as we stopped off the bus and the right to hassle with the people at the reception center over where 40 people from Worcester, Massachusetts could spend the night. Finally, we left the reception center, Asbury Methodist Church, without sleeping arrangements, and made our way to the start of the March Against Death.

The March Against Death took off from the gates of Arlington Cemetery and proceeded single file to the White House, and then on to the Capitol. Along the way, at various points, we flashed the peace sign to passing motorists in order to evaluate the sympathies here in "silent majority" country. The response was overwhelmingly favorable except for a few people and one man in particular whose comments to me reflected a profound knowledge of Anglo-Saxon sexual connotations and factory jargon. Workers in almost all of the government buildings had stone faced in the windows and doors to watch us file by. Eventually we

reached 1600 Pennsylvania Avenue where each marcher turned toward the White House and called out the name of the victim he represented. Then we proceeded to the Capitol where the card bearing the victim's name was placed in one of eight wooden coffins and the march ended.

On returning to the reception center several of us took advantage of the floor of the church to sleep for a few hours. At night, the majority of the Worcester Tech contingent made its way out to Catholic University to see Tom Paxton, Richie Havens, the cast from Hair, and even June Lockhart for free and to spend the night on the Catholic University gymnasium floor. Five of us decided to stay back at the reception center with a half gallon of cheap wine and slowly pass out. We were rescued from ourselves, however, by an inhabitant of Bethesda who took us out to his home and provided us with the luxury of beds and a warm breakfast the next morning.

The assembly for the march on Saturday was the largest crowd of human beings I have ever seen. The newspaper reports of 250,000 were wrong, and most people estimated the number at about 400,000 or even half a million. After the march, which finished up about two blocks short of the White House, the grounds surrounding the Washington Monument began to fill up. People came to hear performers like John Hartford, and speakers such as George McGovern, Eugene McCarthy, Charles Goodell, and Dick Gregory. About 1,000 people made their way out of the cold into the Smithsonian Museum of History and Science, where they slept in the corridors for several hours until museum guards asked them to clear the halls somewhat so that people could get through.

The trouble at the Justice Department occurred at about 5:00 p.m. and the tear gas used to disperse the crowd (most of whom were there just to see what was going to happen) drifted up the five blocks or so to our bus, causing minor discomfort before we took off at 6:00. The bus ride back seemed to take much longer than the trip down to Washington, but we finally got back to Worcester at 4:00 a.m., Sunday.

Looking back on the Washington Rally, one must try to evaluate it in terms of what it has accomplished. During the March Against

Death, life in Washington went on as usual. Most people in the city paid little attention to the 240,000 marchers.

The march on Saturday did not get as close to the White House as anticipated, and while it was going on, President Nixon was watching the Ohio State football game on television. The President's ability to ignore large scale dissatisfaction is incredible.

400,000 people were in Washington on November 15 to protest the war. The mass media, however, has effectively convinced the nation that there were far less than that. The march is over now and no change in our Vietnam policy has been effected. In that light, the march on Washington can only be judged as the most impressive failure in the history of anti-Vietnam protest.

WALK

cont. from pg. 1 col. 5

the time the primary destination, Shoppers World in Natick, was reached only five walkers remained. These walkers: Steve Udell, Shelly Katz, Robert Slavin, Myles Kleper and Clarence Dunnrowitz, completed the twenty-two mile journey in eight hours. Clarence, having made a promise to himself that he would continue on to Boston, walked on alone. The temperature throughout the walk was never over 25 degrees.

The idea of a "Walk Against Hunger" was first introduced by a Boston radio station, and after seeing how worthwhile an effort it was Student Body President Steve Udell presented the idea to the Student Government. Lacking the ambition to take on the challenge of getting sponsors and walkers the Student Government voted down this worthwhile community service project. The proposal for the walk was then brought to the I.F.C. by AEPi President Dick Schwartz. The other fraternities vetoed the proposal on the grounds that there was nothing in it for themselves and it was too much of a bother.

At this point the brothers of AEPi took over the organization of the walk. Their efforts netted over one hundred dollars for food for the needy. This money is to be given to Mount Saint Ann's Orphanage to use for the Christmas dinner it has for its 22 children.

The faculty has elected of Worcester Tech has elected four members of the "Tech Community Council". As under the terms of the proposed council the faculty elected two members from themselves, one student and one administrator.

The two faculty members are Prof. Roy Bourgault of the Mechanical Engineering Dept. and Prof. Armand Silva from Civil Engineering. Lenny Polizzotto is the student representative selected. Admissions Director Kenneth Nourse will represent the administration.

SHIELD MEETING

Wednesday, December 10

7 P.M. - Daniels Commons

Rules for Daniels Commons to be discussed.

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Department Of Physics Has New Curriculum

Worcester Tech's Department of Physics has arrived at a new revision of the curriculum for undergraduate Physics majors. Reasons for the changes were explained in a recent departmental memorandum as follows:

"1. Many of the departments on campus have reduced the number of required credits in the junior and senior years to 15 per semester.

"2. A greater degree of flexibility, particularly in the junior year, is desirable in order that the varied career objectives of the Physics majors can be met.

"3. Most of the departments on campuses are incorporating more flexibility in their curricula by replacing some of the required courses by electives.

"4. Apparently a program involving mechanics in the sophomore year has not been very successful."

Alterations of the present degree program have been suggested by Dr. Raymond Goloskie, Dr. Thomas H. Kiel, Prof. Robert Long, and Prof. Karl D. Swartz. The changes have been approved by the Physics department, and the authors of the new program have recommended that implementation begin with the present sophomore and junior classes in February, 1970. This year's second semester for the Sophomores will then consist of a transition from the old course into the new plan. They will then move into the proposed program in their

junior year. The same procedure will apply to the present juniors, except, of course, they will be slipping into a new senior program next year.

Second semester courses for sophomores will consist of MA 204, PH 224, PH 252, Humanity Social Science, and an Elective. Physics 251 is a new course with intent being that PH 252 follow. PH 251 will consist of a reasonably complete treatment of the mechanics of a single particle. PH 252 is planned to continue the sequence with classical electricity and magnetism. The content of PH 252 when presented for the first time next semester will be altered to take into account the material already covered in PH 252 as presently taught. Students presently studying German will be expected to continue the sequence.

Second semester for the present juniors will be Humanities Social Science, Math Elective, PH 451, PH 352, and an Elective. Principles of Electricity and Magnetism (PH 331) will not be offered in the Spring of 1970. Instead, seniors will take in the first semester of their Senior year PH 331 and PH 433 during the second semester. The present juniors are not asked to take Theoretical Physics (PH 411), although included in the new program, because they have had mechanics under the present program in their sophomore year.

The following is a list of Physics electives; Statistical Physics, Optics, Electronics, E.M.

Theory, Theoretical Physics, Nuclear Physics, Solid State Physics Math. Physics, Mechanics, and Quantum Mechanics.

The new program requires 42 credit hours in physics and 21 credits in mathematics, as opposed to the present 51/27 structure.

Also available will be the students own option as to whether he takes a lab course or a project course. These changes will have no influence on the present seniors.

Math Lecture Series To Be Initiated

Last year Worcester Tech received a sizeable amount of money from Mrs. Harold J. Gay, in memory of her husband, a math professor at Tech for many years, to establish a chair in mathematics. The math department is using the interest from the gift to provide a Math Lecture Series for the students and faculty, here at Tech.

The series will be initiated with Dr. Paul Halmos, winner of the Chauvenet Prize for Mathematics. Dr. Halmos is a member of the American Math Association of America, and the Association for Symbolic Logic. He is also the author of five books: Finitimensional Vector Spaces, 1942; Measure Theory, 1960; Introduction to Hilbert Space, 1951; Naive Set Theory,

Cosmopolitan Club Holds Dinner-Mixer

The Cosmopolitan Club's dinner-mixer with the Y.W.C.A. turned out to be a big success. Thirty-five to forty students attended from W.P.I. There was dancing, swimming, pool and ping-pong. Everyone who attended enjoyed the evening.

The Club's annual Christmas Party will be held on either December 15 or 16 at Dr. Wellman's house. For the exact date look for posters and other notices. There will be a dinner and other activities going on that night. Transportation will be provided at 7 p.m. in front of Alden.

This year the International Center has arranged an International Mixer here at W.P.I., in Alden Hall. The mixer will include the Cosmopolitan Clubs of all the colleges in Worcester. Admission is free and a band will be playing for the dancing.

Some of the up-coming events will include a slide show and talk on Iran by Nadhir Family at Roadstrums and Perry houses. On April 14 or 16 at Mrs. Nelson's house we will have an Indian night. There will be a slide show and then Muammer on the guitar with dancers. Everyone is invited to the Club's functions and we hope to see some more of you.

1961; Lectures on Ergodic Theory, 1961; and Math Reviews, editor, 1963.

As yet the lecturer for March is unknown, however, Dr. C.C. Lin professor of Math at M.I.T. will be here in April. Dr. Lin has a special connection to Worcester Tech through his undergraduate University, Tsing Hua. The late Dr. C. Y. Mei, who served as president of that University for 30 years, was an alumnus of Tech.

Dr. Lin is a member of the American Astronomical Society, The American Mathematical Society, American Physical Society and the Institute of Aerospace Sciences. He is also a fellow of the American Academy of Arts and Sciences, and a member of

the National Academy of Sciences (U.S.A.). Dr. Lin's most interesting quality is his ability to teach in any department.

The lecture series is being set up such that all lecturers will stay for more than one day at a time. This is to make the lecturer available to students, advanced classes, and faculty within the entire school. The series is a great chance to learn more about math, and to get a closer, and more personal contact with some of the great men of science.

FAST

Cont. from pg. 2 col. 3

U.), Father Daniel Berrigan (Cornell University), William Davidson (Haverford), and Richard Falk (Princeton).

We believe that fasting is effective as both a personal and political gesture against the war. It indicates a strong dedication to our conviction that the war must be stopped, and a solidarity with the millions of Vietnamese who are starving because of the war. Politically, we can hope at the least for another perceptive comment by Mr. Agnew.

If anyone is interested in further details or organization please contact: The National Fast for Peace, 38 Yale Station, New Haven, Connecticut 06520. Telephone (203) 432-0038
Yours in peace,
Linda Darling
NFP Committee



The McCoy's to perform Saturday

Dr. Nash Speaks

Dr. Charles D. Nash Jr., professor of mechanical engineering and applied mechanics at University of Rhode Island, will speak at 4:30 p.m. Tuesday, Dec. 9, at Worcester Polytechnic Institute at the colloquium on engineering design.

Dr. Nash will introduce the basic concepts of engineering reliability and he will discuss their design implications. Related cases will be reviewed with particular emphasis on safety. The growth of probabilistic considerations in design will be traced with comments on present problems and future solutions.

This will be the third lecture in a monthly series planned by Prof. Ray C. Johnson, which continues through May, 1970. The public is invited. There will be an informal coffee period at 4 p.m. in Room 101, Higgins laboratories.

Dr. Nash is a Yale graduate, and received his master's at Ohio State University and his doctorate there, also in mechanical engineering. He began his teaching at Ohio State in 1954 and joined the University of Maine faculty in 1962. He has been at Rhode Island since 1964.



The Long March Against Hunger
Photo by Worc. Telegram-Gazette

The Psychology of the College Student (and Faculty Member)

TUESDAY EVENING, DECEMBER 9th

6:30 Gordon Seminar Room (before the Harlem Globetrotters)
A discussion for WPI students and faculty with

DR. GEORGE HIGGINS

College Counselor and Associate Professor of Psychology
Trinity College, Hartford, Connecticut

One of the more interesting young psychologists of our New England colleges will be a guest of the WPI Planning Committee on Tuesday, Dec. 9th and Wednesday, Dec. 10th. In addition to the above open lecture-discussion, Dr. Higgins will be visiting informally with faculty in the coffee lounge in Salisbury on Wednesday morning.



THE ONE AND ONLY UNCLE DIRTY

Seniors To Attend AMA Weekend

Howard G. Norcross of 8 Norcross Circle, Chatham, and Garrett G. Graham of 175 Crescent St. Shrewsbury, seniors in management engineering at Worcester Polytechnic Institute, have been selected among 30 representatives of 15 colleges to participate in the American Management Association's Simulation Weekend at Saranac Lake, N.Y., Management Center.

The students will attend a three-day session through Saturday at no cost to participants to examine the world of professional management and to take part in a program designed to contribute to the develop-

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ment of professional management skills through case studies, conceptual conferences, small work projects and through interaction with professional managers and other conference participants.

YAF REARS ITS UGLY HEAD

by Richard Logan

Responsible campus organizations, being unglamorous, go continuously under recognized or ignored by the bulk of the media. Instead, we are daily barraged by reports of the antics and outrages perpetrated by the Black Panthers, the SDS, the RYM, the PLP, etc., etc., their actions made in the name of Christ the Hipster, or anti-capitalist-pro-socialist-and-by-the-way-get-out-of-Vietnamism, or black separatism/anti-racism, or one of the remaining fifty items of that whole host of anti-doxologies.

It has gotten to the point where one must (simply must) engage in a process of continuous education, ever familiarizing one's self with the gently changing shades of those ideological climates which differentiate, say, the Worker-Student Alliance and the Revolutionary Youth Movement II; in this effort the newspapers cooperate, giving us an editorial run-

down, every fortnight or so, concerning the very latest radical conferences.

But lately more attention has been given to organizations whose leanings are right of center, providing a revelation for those readers and listeners who perhaps had thought that there simply wasn't anything or anyone right of center anymore in existence-or at least worth listening to. For instance, on the 21st of November WORC's Ross Dixon featured four earnest and articulate young men from Holy Cross, who were officers of the James Madison Society and the Young Americans for Freedom, all of this following up a WORCESTER TELEGRAM and GAZETTE feature, on the 15th of November, about the same people and organizations.

The James Madison Society? YAF? A manifestation of some sort of neo-Nazi backlash? As a matter of fact, no; though it is

true that these organizations exist as aspiring counterweights to mindless monologue (read an Old Mole editorial sometime) and downright lawlessness (the SDS at Holy Cross has threatened the use of force to keep certain job recruiters away from students). To this end two basic approaches are employed: education and political action.

The first medium, education, is the lance wielded by Henry Dumas and Winthrop Farrel, President and Secretary, respectively, of the James Madison Society. The organization has been around for years and years at Holy Cross, sponsoring speakers and forums. They do not push conservatism in the same way as, say, SDS pushes anti-capitalism, electing instead, to present a broad program designed to inform students about issues and not so much resolve them. Their activities are centered around the Holy Cross campus itself, and hence are of interest mostly to Holy Cross students.

Which isn't exactly the case with YAF, chaired at H.C. by Stuart MacGuire, a fellow who is, by the way, most definitely un-stuffy, going in for rock music

and apparently hooked on cigarettes. Some of the information he provided about YAF went beyond just statistics, though he had those, too: YAF engages in for-real political activism in all 50 states, boasting 400 chapters and 30,000 undergraduate members; these figures were for 1967-YAF has grown considerably since then. Their advisory board includes an impressive list of congressmen and prominent citizens many in the academic world.

YAF has been around since 1960 when their rallying cry, the Sharon Statement, was formulated, and ever since then members have been recruiting and politicking with fine success-all to scant press notices. Who, for instance, has ever heard of YAF's Sharon Statement? By contrast, who hasn't heard of SDS's Port Huron Statement?

But through such a contrast one can begin to appreciate the critical distinctions between the SDS and the YAF. SDS, et. al, work outside the system, or at least proclaim their intentions of making their alterations within the system only until that approach becomes merely marginally productive. YAF is quick to assert that under

no circumstances would they attempt to enforce their views, as, say, the police enforce the laws, by "arresting" lawbreakers. Never is there any utterances like: The right of free speech in this instance is overruled by the right of oppressed people to overthrow their oppressors-used as a justification by guess who for barring certain recruiters from appearing on campus. In fact, one of the more appealing lines, to be found on YAF posters, is: Both Sides Now.

The general idea is, then, to promote debate and dialogue, to get people thinking. But providing the necessary opposition to the New Left, in the context of political mobilization, meant that positions had to be explicitly stated, and so YAF produced position papers concisely outlining the conservative side of the argument. One of the more popular papers is called THE DRAFT: there is an alternative. In this paper we find the quotes: "I have questioned the whole business of the draft . . . I have wondered why we couldn't-with the brain-power and know-how we have in this country-evolve a program of inducement to enlistment, to see if we could not switch to a voluntary system", and, "The most fundamental right of man is the right to his life. The use of force against that right-as in the case of the draft law-is clearly wrong," written not by Bobby Kennedy or John Galbraith, but by Ronald Reagan and Barry Goldwater, respectively, though as a matter of fact, J.K.G. did say, ". . . a shift from compulsion to fully paid service would give us a better trained force-something that modern weapons make most desirable." Further positions were drawn up with respect to Social Security (YAF ". . . urges American Youth to study Social Security, assess its effects on our generation, and participate in political action that will bring about its alteration into an optional, voluntary system.") And the Minimum Wage (repeal it, on the grounds that it is a major factor in unemployment for the -especially young-Negro; between 1966 and 1968, they point out, Negro teen age unemployment rose to almost 27%, ". . . even though a huge portion of these youngsters were being "employed" as a result of the U.S. Selective Service-in Vietnam"). And Student Subversion (groups dedicated and acting to destroy freedom and rational discussion cannot be tolerated. Groups and individuals denying the rights of others can claim none for themselves. Hence, administration action ". . . should, where necessary, include dismissal of individual students and the barring of certain groups from the campus"). That the points, irrespective of their intrinsic value, should be made without profanity is, alone, refreshing to many people.

And now there are signs that notice is beginning to be taken. On page 23 of the 24 page section A of last Saturday's BOSTON HERALD - TRAVELER - which, on page 1, headlined, with pic, a takeover of a Harvard University building by the Organization for Black Unity----- we find a five paragraph story about YAF's Tell It To Hanoi rally, which was set for 7 p.m. last Sunday at the Boston Common. Coverage was even provided by WGBH, this area's educational TV.

It wasn't so long ago that this was all, at best, a dream, wistfully, playfully intertwined in the casual conversation of a handful of highly intelligent, deeply troubled young men. Their discontent lead them to gather at Sharon, Connecticut, and create a movement which just might, someday, permit us to eclipse the senseless violence and the ideological infatuations that have brought America blood, anger, uncertainty and frustration.

FAILURE

You'll never get anywhere without it.

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A breezy, cold November Saturday saw hundreds of thou. march from the Capitol down Pennsylvania Ave, past the White House.



Single-file marched the living, carrying the names of the dead, in a steady, solemn stream 42 hours long!



Somewhere between 250,000 and 800,000 got together on the grass at the Washington Monument on the 14th.



Her badge says "Senior Power", and, like everyone else there, she represents herself.

WHERE DO WE GO FROM HERE ??

PHOTOS BY AL SHAPIRO



After completing the March Against Death, he's done his bit. Dear God, is Peace possible?



If we can only make it a little harder to kill a man, it will all be worthwhile.



At the end of the death-march, wooden caskets are laden with the names and states of our Vietnam dead.



What IS a patriot, anyway?

ME Society Sponsors First Open Forum

On Wednesday, Dec. 3, the Mechanical Engineering SEMI-Professional Society sponsored the first in a series of Open Forums. The basic purpose of which was to bring the faculty and students of the Mechanical Engineering department to a better understanding of mutual problems. The meeting was attended by only a few students and a majority of the faculty. The outcome was fruitful and another forum is planned for the Wednesday before vacation.

The dominant topic of discussion was the planning report and its effect upon the future of the Mechanical Engineering department. References were made to courses that exist in the department now that are similar to those envisioned in the planning report. Practically speaking, many students and faculty felt that the planning report may be too idealistic in its idea of what type of student can handle the responsibility thrown upon him under this new type of system. Past experience with liberal courses and project type labs has shown that the student spends a great deal of his time trying to find problems already worked out similar to his,

rather than trying to develop the theory to solve it on his own.

Perhaps the most often heard phrase was "learning how to learn" and how can we teach a student to teach himself. Several questioned the notion that the project will develop in the student the ability to learn for himself. Is there a need for a course in how to learn?

The last portion of the meeting was devoted to the Mechanical Engineering Department as it is now and how it can be improved. Several courses in particular were discussed and suggestions were made as to improving them. Professor Zweip closed the meeting by inviting students to the Mechanical Engineering Department meetings and urged their suggestions. He also asked for the organization of a departmental advisory committee to consist of students to serve as advisors to him in developing new ideas and correcting problems now.

The next open forum will be held Wednesday, December 17 at 4:15 and the conference room in Higgins. All students are urged to attend. This is your chance to stand up and be heard. Don't let it go to waste!

GROK!

cont. from pg. 2 col. 3

The effete intellectual snob who wrote the first draft of that (which even the Smother Brothers didn't dare to agree with on TV) also remarked, "A little rebellion now and then is a good thing."

It is no wonder that the young are rejecting patriotism now, for patriotism in its "silent majority" manifestation is not love of country but love of a particular set of beliefs, and this country should be too big for just one set of beliefs. If patriotism is exemplified by the following statement by a U.S. Senator: "If there is a nuclear war and only two people survive, I want these two people to be Americans" (anybody wonder why we don't respect the older generation anymore), then the sooner patriotism dies, the better.

But patriotism can mean something else. It could come to mean

loyalty to mankind as a whole, not just to one country. Henry David Thoreau wrote the following: "The mass of men serve the state thus, not as men mainly, but as machines, with their bodies. They are the standing army, and the militia, jailors, constables, ... Others as most legislators, politicians, lawyers, ministers and office-holders--serve the state chiefly with their heads; and, as they rarely make any moral distinctions, they are as likely to serve the Devil, without intending it, as God. A very few, as heroes, patriots, martyrs, reformers in the great sense, and men serve the state with their consciences also, and so necessarily resist it for the most part, and they are commonly treated as enemies by it."

There is an old proverb that "in the country of the blind, the one-eyed man is king." That saying ignores the history of mankind. A more correct saying would be "in the country of the blind, the one-eyed man is a traitor."

Techmen Take First Prize

A team from last year's freshman class at Worcester Polytechnic Institute won first prize in a nationwide competition sponsored by the Engineering Graphics and Design Division of the American Society for Engineering Education.

Lance K. Ellsworth of Allison Park, Pa., Charles E. Martin Jr. of Natick, and Gregory C. Massoud of Fall River, designed an "Automatic Rotary Antenna," for which they received \$75, first place in the team projects.

James V. Lacey of North Brookfield won second prize, \$50, in the individual projects, for his "Constant Current Power Supply". All received certificates.

Prof. John Whenman sponsored Tech's winning team and Prof. Carleton W. Staples, the individual prize winner.

Last year, W.P.I. received three blue ribbons for outstanding designs, but no grand prizes.

ASTME Honors Three ME's

WORCESTER, MASS., -- Three Worcester Polytechnic Institute seniors have been honored by the American Society of Tool and Manufacturing Engineers for their high scholarship in completing their courses for the bachelor of science degree in mechanical engineering.

They are: Kenneth W. Brown of 4 Crest View Dr., Somers, Conn.

Roger J. Kern of 50 Greenfield Dr., New Britain, Conn.

Kent C. Lawson of 222 West River St., Orange, Mass.

All received an ASTME Handbook, as the top trio in their class. Brown, with the highest average, received a prize of \$25.

Worcester Chapter was host to the Tech students at dinner, and also honored the three top students at Worcester Junior College and Worcester Industrial Technical Institute.

Problem of Housing Discussed in Seminar

In the local Government seminar last Thursday at 7:30 in the library, David Martin, Director of the Mass. Housing Finance Agency spoke on what he considered the special problem of housing. He cited that one of the problems of housing is that there isn't enough to meet the needs of all the citizenry--we haven't had enough housing now for 35 years. All of the classes are suffering from the underproduction of housing due to increased financing, operating, and constructing costs. He further stated that we've had this problem now for 35 years since C Congress passed the First National Housing Act, but this was really just rhetoric. The two basic programs - the public housing and the leased public housing haven't really worked because in general people have been apathetic and the housing authority has generally done more for the elderly

and the veterans than for the poor--the ones who really need good housing the most. Discussion was then entertained on what could be done. Some proposals such as Romney's "Operation Breakthrough" where housing would be produced at a factory and shipped -out, were considered but the faults that lay in this were the red tape of zoning laws and building ordinances. It was finally concluded that probably the best possible solution for the special problem of housing would be to make it a big project under govt. control--in other words, put Govt. in the business of building houses for everyone--the rich, the poor, and the middleclass. Until we make housing everyone's problem--just as highways and airports are, nothing of much significance in the way of housing will ever be accomplished.

Bummer

cont. from pg. 2 col. 4

vard University sophomore from Baltimore who was visiting an Amherst friend Oct. 11. State police have arrested another Amherst student on charges of selling the LSD to the visitor. But to Amherst's dean of students, Robert A. Ward, there was a particular agony about the tragedy that was personal. In a letter to his students written Oct. 16, Dean Ward tried to express it. His letter follows:

Gentlemen of the College:

He was not an Amherst man; he was a visitor. But his death occurred in our community, and we shared in the loss. We were shocked by the tragedy and stunned by the senselessness of it. He was young and bright - too bright to surrender his life in the foolish madness blighting a generation. In a week in which we paused to reflect on the waste of life half a world away, it may have been a strange irony that we were starkly faced with meaningless death on our own campus. But that week is nearly gone-- and memory fades.

I will not rehearse the statements made in the past about drugs. Many of us for some time

have been apprehensive that a tragedy would come - and last Saturday night it did. Repeated warnings had gone unheeded; it couldn't happen here. I only wish those who ignored those warnings could have spent part of that horrible night waiting in Cooley Dickinson Hospital while the student's life ebbed or part of Sunday afternoon in my office while his parents struggled to comprehend the reality of that day.

I did not become a dean to watch a generation of students pollute their sanity or distort their lives and I confess to a numbing and depressing sense of helplessness. Words are inadequate and deeds seem fruitless. More than ever students have taken on themselves the individual responsibility which shapes their lives in all areas. It should be so, but the judicious exercise of such responsibility demands wisdom. I see no wisdom at all in the growing and indiscriminate use of drugs. I also see a danger that one major tragedy may obscure other tragedies, smaller perhaps but no less frightening. On a beautiful Saturday afternoon which was in itself a natural stimulant, why the need for some artificial or uncertain drug? And where were we all on that night or on any night and when will we awake to the need to replace a disinterested privatism with a sustained concern for troubled people in our community? And why do we tolerate in our midst the profiteers of poison? And by what moral right do we pass into the hands of others substances which can threaten their well-being and even their lives? What in God's name is happening to us?

Last Sunday in a scriptural lesson the timeless chastisement of Thomas was repeated: "Because you did not see, you would not believe." Last Sunday we did see. Now I plead as never before - please believe."

Men and women of W.P.I., I hope that the impact of this article by Dean Ward has the same impact on each and every one of you as it did on me. Perhaps we can reach some of our own students before it is too late. Sincerely,
Martin C. Van de Visse
Dean of Student Affairs

WINTER WEEKEND

DECEMBER 12 - 14

Friday - 8:00 P.M.

JON I. MITCHELL

Saturday - 2:00 P.M.

THE McCOYS & UNCLE DIRTY

Saturday - 8:00 P.M.

BASKETBALL GAME

Sunday - 3:00 P.M.

LOWELL STATE COLLEGE CONCERT CHOIR

Art Museum

WRESTLING

WED., DEC. 10

WPI
VS.
U.S.C.G.A.

Tech Beats Brooklyn Col. After Losing Opener

The Tech News
SPORTS

Tech Grapplers Punish Brandeis For 32-10 Win

Worcester Tech basketball fortunes took a large upward swing last weekend as the Engineers romped over Brooklyn College 83-52. With the exception of the first few minutes of play the game moved at breakneck speed with Tim Rooney and Jim Henderson leading the Worcester attack.

The opening minutes saw Tech fall behind but with 13:17 left in the first half Paul Sullivan put Worcester ahead to stay. The diminutive Brooklyn team was out-heighted, out-rebounded and generally out-played for the duration.

Coach Herrion's full court press destroyed the Brooklyn offense as they committed 27 turnovers. Overall, the team played well together with ten different Engineers getting into the scoring act. Enough cannot be said about the play of Jimmy Henderson who rebounded, blocked shots, and still scored 13 pts. Co-captain Tim Rooney led all scoring with 25 points making 9 of 11 from the Charity Stripe. With that performance and his 13 of 13 at Dartmouth Tim is shooting 91% from the foul line.

Congratulations are in order to Coach Herrion who gained his first victory as a Tech coach. Our next game is Wednesday at Wesleyan. The game will be aired by station WIGN, 90.5 on the FM dial.

Last Tuesday night, December 2, the Worcester Tech basketball team journeyed to Hanover, Vermont to open its basketball

season against a powerful ivy-league team in the form of Dartmouth. The game was the opener for Dartmouth also and was a special game since Dartmouth had played Tech for the dedication of Harrington Auditorium.

The game saw Dartmouth completely subdued by Tech's zone press and patient ball handling. Though Tech never held the lead during the game, the score was tied on several occasions and Tech was never more than three or four points behind. Tech rebounders, Steve Watson and Jim Henderson, kept pace with the Dartmouth rebounders 31-39 which is quite good considering Tech gave up 5-6 inches in height to every Dartmouth man on the court.

In the scoring department Tech was led by two fine shooting sophomores. In the first half Ned Cunningham provided the shooting from the corners that kept Tech in the game. Ned finished the night with 20 points. When Dartmouth switched from a zone to a man-to-man defense in the second half to shut off Ned, co-captain Tim Rooney took over and proceeded to draw fouls with quick driving moves. Timmy went 13 for 13 in racking up 21 points in the night.

All in all, Tech should be proud of the fine performance her players achieved against a fine team from Dartmouth led by a fine shooter in Alex Wynn who had 32 points. Tech can look forward to seeing some good basketball played this winter.

Tech Welcomes New Coaches

This winter Tech ushers in a new basketball season with new hopes for more wins, and with those hopes comes new meaning with the appointment of Jim Herrion as the new basketball coach, on a part-time basis as of now.

Jim Herrion received his formal education at Iona College in New Rochelle, New York. Here he received his Bachelor of Arts, majoring in English while minor-ing in Education. At New York University he studied for his Master of Arts for Guidance in Secondary Schools, which he received in 1965. Presently he lives in Oxford with his wife Joyce and their three sons, and is employed as a guidance counselor at Tantasqua Regional High School in Sturbridge.

Coach Herrion, who has officiated games for 20 years is no stranger to the sport or to winning. While varsity basketball coach at Sacred Heart High School in Yonkers, New York, his teams in a 12 year stretch rolled up an impressive 157-67 record, winning twice the Westchester Private School title. From 1965 to 1968 Jim served as varsity assistant and freshman coach at Holy Cross under Jack Donahue. His freshmen teams produced fine records of 19-1, 9-11 and 14-3. Though taking a lay-off last winter from the sport he spent last summer, as he has done in the past, serving as director of Jack Donahue's basketball camp. Tech is very lucky to acquire the services of Jim Herrion. He is very familiar with New England basketball teams and their style of play. He has generated a new

spirit in the Tech players this year and although this might not be enough to win every game, it could mean the difference in a tight one. Certainly Tech will well appreciate the new coach and wish him the best of luck in the forthcoming year.

Joining Coach Herrion as Tech's new freshman coach this year is Ken Kaufman. Ken is quite familiar with the Worcester area, having been a member of the Classical High basketball team that won the first District Three Championship held in 1962, and was selected as Gazette All-City guard in 1962 and 1963. Following high school, he attended Leicester Junior college and played on the team which finished fifth in the National Junior College Tournament at Hutchinson, Kansas. The next year Ken co-captained the L.J.C. quintet and then moved on to Bridgeport University, whose team he co-captained during the 1966-67 season. His ability was evident not only in basketball, as he was the regular shortstop in the spring for Classical, Leicester and Bridgeport.

After graduation, Ken served as assistant coach at Bridgeport and as a member of the athletic staff. Presently he is a physical education instructor in the Worcester school system at May St., Lake View and Malvern Road.

On coming to Tech Ken is no stranger to the surroundings. Many times he can remember coming to Alumni Gym to watch his father, Max Kaufman, officiate basketball games. Now he will be working in Harrington Auditorium as freshmen coach at Tech.

Skaters Beat Assumption

A fine comeback effort with four third period goals led Tech's hockey team to victory over Assumption Wednesday night at Worcester Arena.

The game began well for Tech. Their opening five minutes of hard attack on the Assumption net paid off in a well earned goal by left wing Jim Bearman. Jim, who played an outstanding game, kept the pressure on the Assumption goal tender until he finally put the puck out of reach and in. Although this was Jim's only goal of the night it was in good measure his hustle that helped inspire the team on to victory.

Things began to lag as the first period came near its end. The team seemed to tire under the pressure of a hard skating Assumption club. Late in the period a shot slipped by the stick of goalie George Gamanche and the first period ended in a 1-1 tie.

The short break between periods gave the team some of the rest it needed. During the first few minutes of the second period the psyche of the team returned as they outshot Assumption about 5 to 1 but to no avail. Suddenly an Assumption wing let the puck fly and it was in the net behind goalie Gamanche. Fatigue again seemed to plague the Tech skaters. This and thoughts of a similarly hard fought effort at M.I.T. which ended fruitlessly 5-3, as well as the preceding Monday's trouncing at the hands of a strong Worcester State team 8-1, took the heart out of their attack. The second period ended 3-1 Assumption.

The longer rest between the last two periods joined the self-imposed psyche in the locker room to bring the team out on the ice for period three, ready to go. Immediately, the same team that began the game so strong went to work putting pressure on Assumption again. It took almost ten minutes of tough skating before the puck was in the nets again, but at 9:39 "Wes" Pierson started things rolling as his hard shot finally beat the Assumption goal tender. From that moment Tech gained an unstoppable momentum. Within two minutes Captain Bob Johnson had tied the score and 23 seconds later Bobby Whitford had made it 4-3. Steve "JC" Trembley soon had put it out of reach 5-3, as the Tech fans left the arena proud of their winners.

The Tech wrestling team, heavily beset with injuries and other misfortunes, showed superior spirit and conditioning in their 32-10 victory over Brandeis. After forfeiting the 118 and 126 lb. bouts, the Tech matmen swept the remainder with four pins and four decisions. Co-captains Lenny Polizzotte and Phil Warren, and Jeff Petry all won by falls; and Art Geeterslah capped a thrilling afternoon with a 55 second pin that brought back memories of Fred Synder.

Tech's varsity has been plagued by injuries and illness since the beginning of the season. Polizzotte is suffering from rib injuries, Warren from extreme headaches and dizziness, and the ailing Scott Wallace was unable to make weight for the 126 lb. class. Missing from the line up were Jack Zarabedian with a back injury and Paul Bienick whose shoulder separation may keep him out a month. Forced to juggle the line up drastically, Coach Vine had cause to be apprehensive of a Brandeis team which extended Tech 22-21 before losing last year's meeting.

This year's Brandeis team is not last year's, and they were no match for the super-psyched Engineers. Freshman 118 Russ Wil-liams began the festivities by pin-

ning a member of the Brandeis varsity in an exhibition match. Scott Wallace (134), Greg Dickson (158), and Ken Kolkebeck (180) faced men who appeared to be refugees from the track squad. After spending most of their matches chasing their opponents, each had to settle for a decision. Displaying fine form, Polizzotte (3:40), Petry (3:03), and Geeterslah (4:55) outdid one another in registering faster and faster falls. Phil Warren thrilled the crowd by recovering from his back injury to nail his opponent to the mat with an eye popping head lock (4:30).

Somewhat overshadowed by Geeterslah's match, but just as significant, was Bobby Mills stellar performance at 150. The first period belonged completely to Brandeis as Mills struggled to stay off his back. But in the second period Brandeis began to tire, and a determined Mills came from behind twice to edge his exhausted opponent who was penalized twice for stalling.

Tech's first home match is Wednesday Dec. 10 when they will entertain the always dangerous Coast Guard. A key match for both teams, it will start at 7:30 p.m. in Alumni Gym. Admission is free.

Tech Tidal Waves Sinks Holy Cross

The Worcester Tech swimming opened the season on Thursday with a 72 - 19 romp over the combined Freshmen and Varsity swim teams of Holy Cross. In the process, Tech won every swimming event and gave up only 2 second place finishes to the Cross.

The meet was highlighted by several individual performances. Soph AJ "fish" Nafis had no competition in the 200 yard Butterfly; but nonetheless, he lopped 6 seconds off the school record with a time of 2:35.5. Bruce Eteson, also a sophomore, broke the school record in the 200 yd. Breaststroke by .3 second with a time of 2:38.1. Dick "scar" Ellis was a triple winner. Dick won the 50 and 100 yd. freestyle and was a member of the winning 400 freestyle relay. "Long" John Loehmann narrowly missed setting a record in the 200 yd. individual medly by .3 second, while winning a decisive victory. The most

outstanding effort of the evening was turned in by Carl "come-from-behind" Cruft. Carl passed his opponent in the last lap of both the 200 yd. Breaststroke and the 200 yd. Individual medly. This extra effort made possible a one-two sweep of both events. In talking with coach Carl Peterson, he said that he tried to hold the score down in the latter part of the swim meet, but the score does not show it.

This year the Tech swimming team should be the best ever. With Sophomores Nafis, Eteson, Ellis and Loehmann joining the squad along with veteran Seniors Roger Johnson, Lou Zitnay, and "the old man" Jim George; the team is well balanced. This will prevent the usual lack of depth that has plagued the team in the past. The next meet is against Trinity this Saturday afternoon at Tech and should prove to be one of the toughest of the season.

Harrington Auditorium - Worcester Tech

TUESDAY, DEC. 9th - 8 P.M.

Harlem Globetrotters

VS.

New Jersey Reds

Plus - Ginny Tio Revue

Plus - Trampoline

Plus - Table Tennis

Tickets on sale
WORC. TECH AA.

Choice seats \$3.00

Sports Banquet

Speaker

VIC FUSIA

Head football coach

UMass