

# The Tech News

"The most dangerous enemy to truth and freedom amongst us is the compact majority."

—Henrik Ibsen

Volume 58

Worcester, Massachusetts, Thursday, October 19, 1967

Number 19

## Department Announce Schedule of Colloquia

Each year, the seven degree departments schedule talks, known as the Colloquia, to be given throughout the year by members of the faculty and also by guest lecturers. Attendance is open to anyone who is interested in the subject matter of the talk, whether or not he attends W.P.I. Announcements of upcoming Colloquia are posted on the bulletin boards in the department buildings.

Up to now, only two departments, Mechanical Engineering and Chemical Engineering, have their schedule planned for the year. On Tuesday, November 7, the two departments are holding a joint Colloquium on "Research in Two-Phase Flow," to be given by Dr. Graham B. Wallis, Associate Professor of Engineering, The Thayer School of Engineering, Dartmouth College. It is to be held in Higgins Lab, Room 109, at 4:30 p.m.

On Tuesday, October 24, Dr.

Keil of the W.P.I. Physics Department will give a talk on the "Josephson Effect" in Olin Hall. The time will be announced later on in the week.

This year, the Chemistry Department is setting up its Colloquium in cooperation with Clark University, in order to get speakers of the highest caliber.

The Math and Civil Engineering departments have not scheduled any talks at the present time.

The Electrical Engineering Department has no talks scheduled until the second semester.

The most widely appealing talk will probably be "The History of Science." It is to be given in the spring of 1968 by Dr. Derek J. deSolla Price, Avalon Professor of the History of Science at Yale University, and a noted lecturer. This Colloquium will be given through the joint efforts of the Mechanical Engineering, English, and History Departments.

## Dr. Plumb to Lecture During Midwest Tour

Dr. Robert C. Plumb, head of the Chemistry Department at Worcester Tech, will be on a lecture tour of the Midwest November 6 through 21. He will address local chapters of the American Chemical Society at colleges and research institutes in Kansas, Oklahoma, Arkansas, Missouri, and Illinois.

The trip is at the invitation of and financed by the local chapters, while arranged by the American

Chemical Society headquarters in Washington. The chapters, consisting of students, college personnel, and industrial chemists, are interested in his work on lecture demonstrations.

Dr. Plumb will be lecturing on "Lecture Demonstrations of Statistical Mechanical Phenomena." He will demonstrate the entropy machine and the dynamic hard sphere model—notoriously known to Tech students as the Mexican jumping bean machine and Plumb's pinball machine.

Besides giving eleven lectures in two and one-half weeks, Dr. Plumb will visit colleges which have research and educational projects of special interest to him. In addition, he will also visit the Oak

(Cont. on p. 6, col. 3)



Prof. Plumb

## Shield Exam Files Placed In Library

The Shield has just established a file of past exams in Gordon Library. This file, which is on the second floor of the library, may be used by all students regardless of fraternity affiliation. Exams are the property of the library, and are not to be removed from the building; however, xerox copies may be made. A system to collect a copy of each new exam as it is given has been arranged with each department. Consequently, the file will be up to date at all times.

## Ugly Men Seek Votes On Weekend

Tech will again hold its annual Ugly Man on Campus elections. Starting on Friday, October 20, and extending into the Homecoming Weekend, students will be able to vote for their choice as the ugliest man.

The elections are run by Alpha Phi Omega, the student service organization. Contestants are chosen from each fraternity and each dorm. This year, however, the dorms have not entered any contestant so the competition in the election will be purely between the fraternities' entry.

Anybody may vote at a price of 10¢ per vote or 3 for 25¢. The person receiving the most votes will be declared the winner and will be awarded a lamp and \$10 in order to pay for the electricity he will use when studying nights.

A raffle will also be held using the votes cast with the voters name written on the back. A radio and several other gifts will be the prizes.

## TABOR TO SPEAK ON MIDDLE EAST

Mr. Hans Tabor, Foreign Minister of Denmark, will speak October 23, in Alden Memorial at 8:00 p.m. WPI is one of his few domestic stops during his limited stay in the United States this year.

The former representative of Denmark to the United Nations, Mr. Tabor served as President of the U.N. Security Council during the Middle East crisis in June of this year. During this period, he conducted the emergency sessions of the Council and headed meetings of the major powers concerning the Arab-Israeli conflict.

Mr. Tabor was born in Copenhagen in 1922 and holds a doctorate in Economic and Political Sciences. He served as Secretary of the Organization for European Economic Cooperation (OEEC) from 1948 to 1950. In 1950, he was appointed Secretary of Embassy at the Danish Ministry of Foreign Affairs and in 1952, became Secretary of the Danish Delegation

to the OEEC. In 1957, Mr. Tabor headed a branch of the Ministry of Foreign Affairs and was head of the Danish Mission to the European Communities until 1963 when he was raised to the rank of ambassador.

In addition to his work in world affairs, Hans Tabor is the author of "Denmark and the Marshall Plan" and "The Six and



Hans Tabor

Economic Cooperation in the Western World." He has also published many articles regarding European integration and the problems of the United Nations.

The city newspapers will also cover Mr. Tabor's address.

## "Kap" Hosts Orphans at Recent Game

At the recent Worcester Tech-Middlebury football game, Phi Kappa Theta fraternity played host to twenty young children from the Kelley Square Opportunity Center, most of whom were orphans.

The fraternity has traditionally held an orphans party once or twice a year, either at Christmas or Easter. This year it was thought that a football game might be more enjoyable for the boys who were in the 7-12 year old age group. Pictures were taken of the boys with a number of Tech football players including quarterback Jack Bresnahan, who scored Tech's only touchdown, senior guard Vic Calabretta, and co-captain George Gamache.

After the game, the boys were treated to a supper at the fraternity house. Helping to take care of the boys and helping to prepare the meal were twenty girls from the Becker Junior College sorority Sigma Tau Upsilon.

## Tech to Host Junior Science Symposium

On Oct. 23rd, student delegates from fifty-three New England high schools will gather here at W.P.I. for the annual Junior Engineering and Science Symposium.

The objectives of this symposium are basically the following:

1. To develop the individual interests and ability of the attending students.
2. To promote science and math in high schools and to demonstrate the need for a balanced program of science and humanities.
3. To recognize the achievements of the more outstanding high school students.

President Storke will open the

program on Monday. He will be followed by Mr. Albert Levitt, the principal speaker of the morning. Students will then present research papers which they have prepared.

Movies and luncheon will follow in Morgan Hall. In the afternoon, the students will participate in laboratories in the various departments. Later, there will be more movies. A dance is tentatively scheduled for the evening. Dinner will be served in Morgan Hall.

The guest speaker will be Dr. Paul Elliot of the University of Florida, College of Medicine.

On Tuesday morning, several more papers will be presented. After this, there will be a film and the curbside sessions.

The curbside sessions are informal gatherings between attending students and professors. The professors will talk with the students, answering any questions that the students might ask. A similar group of panelists will talk with the teachers who will accompany the student delegates. There will be five groups, three student and two teachers, including the following general designations: biomedical, physical science, and engineering.

After the curbside sessions, there will be a luncheon in Morgan Hall. The principal speaker will be Professor Grogan of the Electrical Engineering department. The colloquium will adjourn at two-thirty.

This program is sponsored by the U.S. Army Junior Science Symposia Program, Duke University, Heald Machine Co., Materials and Mechanics Research Center, and Worcester Polytechnic Institute.

## TECH ATTENDANCE POLICIES CLARIFIED

In response to a recent Editorial in the Tech News, Dean Van de Visse has clarified attendance policies of his office and the school. The memorandum which was criticized by this paper was, according to him, merely a statement of procedural policies concerning absences. These procedures are necessary to make sure students haven't dropped courses, are not ill, and are fully aware of their responsibilities in a course.

The part of the Editorial claiming the existence of a no-cut policy was, however, inaccurate. In fact, Dean Van de Visse commented, the school has been proud of the fact that no such policy exists. Attendance is left to the discre-

tion of the departments or individual instructors. While the school encourages full attendance, it does not enforce a full attendance policy upon the student. A student may, if he desires, cut every class in a course (if he can maintain good grades) so long as he is able to register the permission of the instructor by receiving his signature periodically on the note to the office of Student Affairs.

In conclusion, the Dean pointed out that it was generally those who shouldn't cut who did. He therefore cautioned students to examine their performance and to check with their instructor if they wish to pursue a policy of frequent cuts.

# The Tech News

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Number 19

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## Editorial

# School Policy Misunderstood

Dean Van de Visse's comments certainly indicate that the *At Random* article in last week's paper represented a misunderstanding of school policy. His comments, then, clarify a problem which had long caused confusion among both students and faculty alike. Now that the fog has cleared, we apologize most sincerely to the Dean for our error.

## A Proposal for Pass-Fail Grades

Did you ever want to fill a free elective with a course in literature, religion, or philosophy here at Tech? Or have you desired to take a course in creative writing, art, or perhaps psychology at Clark University? (Through our cooperative program, Tech students may take any one course per semester at Clark, as long as the course is not offered at Tech.)

In the end, many students choose to take another technical elective, rather than try something different. Often the student feels that he can get a better grade in a course in his major field than in some field in which he is not really strong. With the big emphasis on good grades for graduate school and the top-paying jobs, it is not hard to understand why many students don't want to jeopardize their good Q.P.A.'s with mediocre grades in elective courses outside the major field.

One answer to this problem, we feel, would be the introduction of a pass-fail grade system. Many such programs are now used in colleges across the country. A suitable system for Worcester Tech could be easily devised and put into operation by next fall.

Each semester, an upperclassman who so desired would be allowed to take one course outside his major field on a pass-fail basis. The instructor would not know which students were taking the course pass-fail. Grades would be turned in as usual. The registrar would enter only "P" or "F" on the student's transcript for those courses taken on a pass-fail basis. Students taking a pass-fail course would receive full credit as long as they passed the course—essentially the same as at present. But the course would not be averaged into the Q.P.A.

Because of the limited scope of this program, there

(Cont. on p. 6, col. 1)

## AT RANDOM

# IN LOCO PARENTIS

"Youth is life as yet untouched by tragedy."

—Alfred North Whitehead

One of the functions of a boarding school—any boarding school—is to act *in loco parentis*, in place of parents. This does not imply that the school attempts to enforce morality; rather, it merely sums up a situation which is accepted, more or less by both school and students. As soon as the school provides comfortable lounges, clean rooms, or good food, it is assuming a function of parents. As soon as a student complains about the comfort of that lounge, the cleanliness of his room, or the quality of the food, he is reaffirming *in loco parentis*. Whether he knows it or not, he is asking the school to do something "the way it is at home."

But home is where the heart is, and I doubt if many of us have ever gotten particularly homesick about anti-septic dorm rooms. And this is as it should be. But it is also natural to accept discipline at home—to find parental control and to accept it as part of the norm of living. It is when the school attempts to extend this parental moral function to its sphere of duty that friction results. Once again, however, a certain amount of this discipline is part of the natural state of affairs at a boarding institution. No school can openly permit pot-smoking or unlawful possession of firearms in its dormitories, so they do not openly condone such activity on their premises. And most students do not walk up to their Dean of Students and tell them they had a pot party in their rooms last Saturday night. They know the school must take action against them.

The problems arise when we walk one step farther

(Cont. on p. 3, col. 1)

## Letter . . .

# Bad Attitude Toward Sports

Dear Sir,

Your supposedly humorous cartoon of the football team's endeavors, only points up your lack of knowledge and concern for the athlete's point of view. It seems a shame that at a time when the athletic department is doing everything in its power to further athletics here at Worcester Tech, the school newspaper shows such a lack of support. The recently formed Poly club, the fine showing by our freshman team, and the enthusiastic attitude exhibited by the freshman class indicate that quite a few people see the need for athletics and have risen to meet the challenge by participation and support.

The statement of your cartoon; "Football season has drawn nigh and many people wonder why, the teams we play it seems a sin to play on and on and expect to win," is not only an insult to the football team, but it is a remark

that kindles the attitude which permeates the atmosphere of this campus, that of non-support for the athletic teams and their athletes. If the athlete did not have the attitude of expecting to win every contest, there would be no athletes and nothing would be gained by the participation in athletics.

I feel the paper owes an apology to the football team, to its new head coach Mr. Massucco, and to Coach Pritchard and the athletic department for their continued efforts.

Sincerely,  
George Gamache '68

Co-Captain 1967 Football Team  
Ed. Note: Mr. Gamache's comments are well-taken, but the TECH NEWS never did claim the cartoon represented our attitude. Rather, we felt it satirizes an attitude which, as Mr. Gamache notes, is too popular on this campus.



SEE THE "TECH FAMILY"  
GROW UP.



LOOK - PLEASE LOOK!



## Music

# A Strange Way to Get Ahead

by RITCHIE BARNES

I know of only two groups to enjoy national popularity without ever having a hit single, the Paul Butterfield Blues Band and the Blues Project. Of the two, the Blues Project are probably the most popular, being more diversified and more commercial. Like another well-known group (the Lovin' Spoonful), the Blues Project are originally from Greenwich Village.

At 15, Steve Katz ran away from home. At 17, he took up the folk guitar, taking lessons from Dave Van Ronk. Years later, Steve met another of the master's prodigies, Danny Kalb. He then joined the Danny Kalb Quartet. They later changed the name to the Blues Project and enjoyed a fair amount of success.

For four days, the Cafe Au Go Go presented a series of concerts called the "Blues Bag." One of the most popular groups to appear there was the Blues Project. In fact, they were so good that Verve Folkways who taped the whole concert decided to release an album of The Blues Project from their recordings. Like many blues groups, the Blues Project sound better live than in a recording studio. Their first album was particularly well recorded (in fact they were able to capture the group's power and yet preserve their clarity.)

It is surprising that a group could sound so tight and yet have such different tastes in music. Kalb prefers Chicago Blues, Katz is a folkrocker, Andy Kulbert favors classical music, while Al Kooper maintains a budding interest in commercial jazz. One of the reasons the Blues Project is such a good group is that it is made up of some of the most talented musicians in the business. Kalb is one of the fastest guitarists around. Katz, who has the best voice in the group, has written several beautiful songs. Kulbert is one of the most creative bassists (I have seen him play one song for over half an hour constantly changing progressions without any repetitions.) As if this is not enough, he is also a flawless flutist. Kooper has backed up Dylan as an organist and pianist on many of his albums; he also backed up Tom Rush as a lead guitarist on Rush's last album. Until he left the group early this summer, he did almost all of the group's arranging. I wonder how the group will sound now without him; besides being

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(Cont. from p. 2, col. 4)

toward that gray line of morality—a line so faint it can hardly be detected. It is when a school says a student *shouldn't* do something, that he retorts angrily, "I'll do what I think is right." He might react the same way if his parents had issued the warning, but it is doubtful. After all, he has been raised by them and ominous injunctions are a normal part of this upbringing, whether it be the familiar refrain, "Don't ride your bike down that street after dark," or the little ditty, "When I was a boy your age. . . ." I have never heard a school Dean say, "When I was a boy . . ."—the very idea is ridiculous: we have stepped through gray into an area of sharply defined black and white. Nevertheless, the gray is there, thick and very sticky.

In the final analysis, the school must either abdicate complete authority over the morality of its students, or be prepared to face constant criticism in response to its efforts. For boarding school, especially at the college level, represents for many students a severing of the close parental control of home and an attempt to define a new individualistic life pattern. And a school which attempts to act *in loco parentis* at this point touts disaster.

Next Week: "Rebellion."

B.G.

# Negro Status in Worcester Discussed by Bert Walker

## A Negro Leader Speaks Out

by GERRY AXELROD

Since there is no bona fide leader of the Negro community in Worcester, this interview cannot claim to reflect accurately the sentiments of the entire community. It contains one man's observations and conclusions concerning the varied alternatives facing the Negro in Worcester. The man is Bert Walker, director of the Prospect House, a neighborhood center. Mr. Walker is a graduate of both Clark University and the University of the West Indies.

The Prospect House is a neighborhood center, concerned primarily with raising the educational standards of its "target area." It was in existence before the "War on Poverty" and does not rely on Federal Aid for its exist-

ence. Among its services are included counselling on adult education and legal problems as well as investigation in alleged discrimination of all types. Mr. Walker also contends that the organization "is here to make the people aware" of their rights as well as responsibilities as members of the Negro community.

There exists a definite lack of communication between the Negro leaders and the local politicians. Those in most important positions are the City Manager and the Chairman of Worcester Housing Authority. Mr. Walker contends that these are two of his larger obstacles. He claims, "not one agency in the city has provided any workable means for solving the housing problem. They all spin around the nucleus of the problem without investigating this nucleus." The landlords could "care less about the situation" and archaic solutions of the agencies are as practical as a "business dealing only in old products." Recently "the chairman of the Worcester Housing Authority refused to attend any more mass meetings. . . . How can he represent the will of the people if he will not first talk with them?"

Mr. Walker does not hesitate to record specific instances of his accusations. The Compliance Act demands that before Federal agencies submit their redevelopment plans for financial aid, a committee which has Negro members must be formed to investigate the plans. Mr. Walker insists that the Worcester City Manager appointed two Negroes to one committee after the plans had been submitted to the regional center in New York. This last minute attitude

destroys most hope of the "working hand in hand" idea. Another example of the ineffectiveness of the present system is the fact that *not one* new housing unit has been built by the WHA for the Negro community since the beginning of the summer. It appears that this will be the pace of the present system.

For these reasons COMP, Committee On Minority Problems, has been formed. Headed by the Reverend Thurman Hargrove, this committee hopes to analyze Negro problems with the aid of Negro technicians. It separates the Negro problem from outside distortion and gives a "clear view of the situation." This committee avoids the problem of "dangerous friends," whites who consider themselves very well-informed on the Negro situation. These "false prophets give false hope" because they can only see the surface problems of the ghetto. Because of the small size of the community, people feel that it can be easily analyzed. Mr. Walker is adamantly opposed to this easy analysis and feels that COMP will provide a study in much greater depth.

"The college community should play a much bigger role in Worcester's social structure." Mr. Walker claims that in the past two years, the Worcester colleges have been especially negligent in this activity. The local colleges are merely "dipping in the problems and immediately withdrawing to their ivory towers. College students must not isolate themselves from the community in which they live. There is tremendous opportunity for many types of in-depth study in this community." Political Science majors may find it interesting that in a recent election only 28% of the eligible voters exercised this right. Sociologists have an almost ideal place for field research. An influx of students interested in aiding the community would force the present system to become aware of "outmoded practices." College professors with an interest in education would assure the community that new ideas in education would not be ignored or strangled with red tape. A handful of intellectuals can now be surrounded and cut off "like a cyst," by the system in power. However, with enough students and faculty permeating the structure this could not take place and rapid change would result.

• • • • •

Next week: Interviews with city officials.

# The Air Force doesn't want to waste your Bachelor of Science Degree any more than you do.

B. Sc. Those letters have an impressive sound.

But they won't be so impressive if you get shunted off into some obscure corner of industry after you leave college. A forgotten man. You want activity. You want to get in there and show your stuff.

All right. How do you propose to do it?

If you join the United States Air Force you'll become an expert fast.

The Air Force is like that. They hand you a lot of responsibility fast. Through Officer Training School you get a chance to specialize where you want . . . in the forefront of modern science and technology.

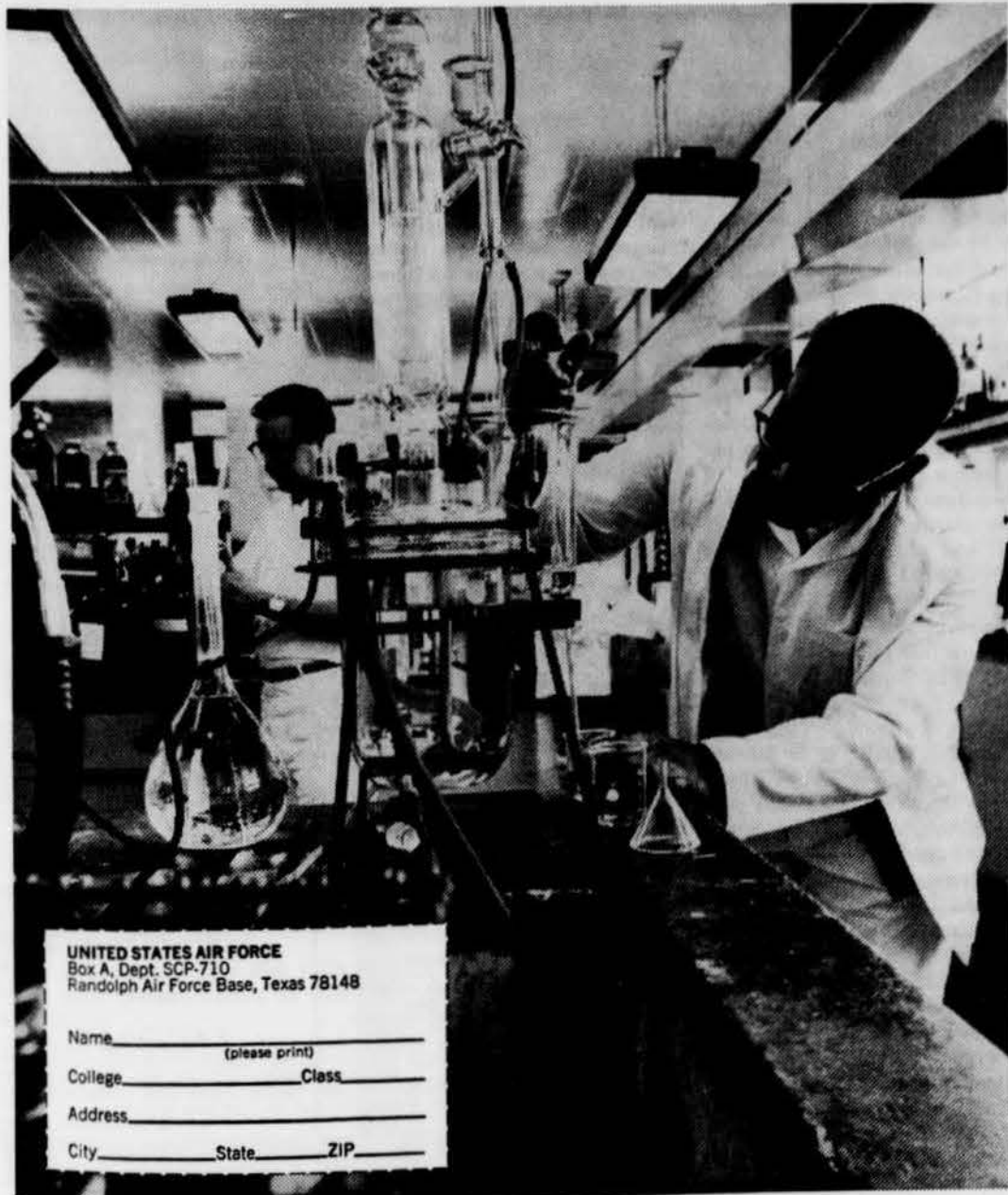
Suppose, for example, you wanted to become a pilot and serve as aircraft commander on airplane crews. You'd plan missions and insure that the aircraft is pre-flight-ed, inspected, loaded and equip-

ped for the assigned mission. You'll be trained to fly exciting aircraft.

Just examples. There are so many more.

Wouldn't it be pretty nice to enjoy officers' pay and privileges? And serve your country, as well? Also, you get retirement benefits, 30 days' paid vacation, medical and dental care.

B. Sc. Very impressive letters. Now, do something with them.



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City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

## BIRTH CONTROL ENDORSED AT U. OF TORONTO

Canadian University Press

Toronto, Canada (CUP-CPS)—The student administrative council at the University of Toronto has endorsed a birth control education program to be run by a group of senior co-eds.

They have been distributing contraceptive information to anyone asking for it and referring inquiries to the Planned Parenthood Association and Toronto doctors who have agreed to cooperate.

The council's president, Tom Faulkner, thought he might face jail as a result of the council's action, since it is against the law in Canada to sell or dispose of any instructions "intended or represented as a method of preventing contraception." matter.

Toronto is not the first Canadian university with such a program. Carleton University's chaplain says there was a similar club on the campus and there was no trouble from either university authorities or the law.

Although many student groups in the U.S. have pressed for health services to give out birth control pills, a survey of 315 health services last year showed that only one in 25 campus clinics will give pills to unmarried women and 55 per cent will not prescribe the pill under any circumstances.

## The Shirelles

Friday Night

9:00 p.m.

ALDEN MEMORIAL

Get a Date

## Draft Changes Affect Students

Recent changes in the draft laws have caused many students to wonder precisely what their status is under the new regulations and to question the conditions under which they may receive deferment. In an effort to dispel some of the confusion, the *Tech News* answers here three frequently asked questions about the new laws.

Q. How does the new Draft Law affect college students?

A. There are two major changes:

1. Draft Boards must give a II-S to an undergraduate considered to be a full-time student in good standing by his college, if he is under 24 years and is making satisfactory progress. II-S must now be given for a 12 month period, i.e., Sept.-Sept.
2. A student receiving a II-S after July 1, 1967 forfeits his right to an automatic III-A (fatherhood) classification. A student planning to get married and have a child soon after graduation will likely not be deferred then if he now accepts a II-S.

Q. Should all students request a II-S?

A. Maybe NOT. If one has a I-Y (temporarily not qualified) or a lower classification than II-S (such as III-A, fatherhood) or if one is 26 or nearing 26 it may be to his advantage not to seek a II-S. He should get counselling before deciding.

Q. When I graduate and lose my II-S, what alternatives are there to going into the service?

- A. 1) Work in an essential occupation (II-A). This might be anything from teaching to working in a war industry.
- 2) Conscientious Objection (I-O). Anyone sincerely opposed to his participation in all wars should consider

applying for C.O. status now.

- 3) Emigration (probably to Canada). If you are considering this, get advice early and plan ahead. (If you emigrate to avoid the draft, you can not return to this country.)
- 4) There are several other possibilities that could apply in special cases and could be investigated individually.

## Agitation Appears on Holy Cross Campus

Two critical issues have come to the floor on the Holy Cross campus developing a definite power struggle between the student government and the school administration. One of these is connected with the "Student Rights" movement and student government authority; the other is related to possible changes in school policy concerning coeducation.

The student government of Holy Cross, headed by Timothy Porter, requested the administration to grant "Open House" for their Homecoming weekend of Oct. 14, an annual figurative move. However, the Board of Trustees, consisting of 6 Jesuits, came forward with a proposal to limit this year's "Open House" hours due to the more liberal drinking regulations which have come into effect. The result was a mere 5 hours per day for two days of the weekend, placed at what might be termed "the innocent time of the day."

The student reaction to this was summed up by their remark of "Mickey Mouse" referring to the insufficient number of hours granted. Due to general discontent, a rush meeting was held at 11:15 p.m. by some 174 students

October 2, 1967  
The Peace Corps and the State University College at Brockport have announced completion of arrangements to extend and expand the unique Peace Corps/College Degree training project launched in the summer of 1967. The highly favorable reaction to this summer's pioneer venture sparked the decision to enlarge the program for 1968. It is the first program to make Peace Corps training and service an integral

part of curricula leading to Bachelor's and Master's degrees. Candidates will be selected from the rank of students in good standing at an accredited college who are completing their sophomore or junior year by June 1968. 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 will be expected to major in mathematics or the sciences; those who have completed their junior year prior to entrance into the program will 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 will be important participants in the educational development efforts of their host countries. During their two years sojourn they

to discuss measures which might be taken in the matter. The decision of this meeting resulted in a student council meeting at 1 a.m. After an hour's deliberation, a short resolution was passed demanding the desired open house hours and a student "show of support" the following day. Porter then went to the college president, the Very Rev. Swordes, with the general directive of the student council to "ram it down his throat." After the meeting with the administration, Porter emerged with a statement that "a compromise had been reached." This in essence was no compromise at all—only the initially proposed hours. However, promises of further discussion were made by the administration.

Student discontent now ran very high, provoked by the feeling that Porter had sold out to the administration. This resulted in little support at the "show of strength" and a general resignation to the wishes of the administration. Further ideas of demonstration were dampened by the Dean of Men reviewing the 4 week campus suspension period which he had the power to invoke.

On the lighter side was the coeducation day held on Columbus Day by the student body. This involved importing some 500 girls from 12 schools which had the day off. Sponsored completely without administrative approval, girls attended classes in what was to be considered a "typical day." Typical it was not, however. Dress of the students showed a definite improvement, an atmosphere of nervousness overcame the faculty, many classes had standing room only, and girls found themselves in the halls during surprise quizzes. At the magic hour of one, most disappeared into the TV room to watch the last game of the World Series. The day was planned on a serious note, however, reflected by Porter's comment, "This is not a one shot affair. It is the initiation of a study and it is important that it be considered part of a thorough and critical evaluation of the possibilities of coeducation at Holy Cross."

where he has been of the faculty following military service in the Navy. He has been a consultant in electrical engineering to industry and the military services. He is currently chairman of the Tech curriculum committee.

This is the second such symposium at Tech this year. William F. Trask, assistant dean of student affairs, has directed both of them.

## Peace Corps Extends Its College Degree Program

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## Coeducation Day Held at Holy Cross

Should Holy Cross go coed? To help answer the question, the administration declared October 12 Coeducation Day. Women from area colleges were invited to attend classes, meals, and a symposium. In essence, they were to become Holy Cross students for a day.

Upon arriving in the morning, the girls were given name tags, class schedules, and a map of the campus. Then, they attended morning classes and mingled with the regular Holy Cross students. At 12:30, the guests had lunch, after which classes resumed. Later that afternoon, there was a Folk Mass, a lecture by the semi-underground film maker, Andy Warhol, and a symposium on coeducation. At 8 p.m., for those who stayed that long, there was a showing of an Ingrid Bergman film.

Was the coeducation experiment a success? First of all, it seemed to be a half-hearted attempt at an experiment, both by the school and the girls. Many of the latter congregated in the cafeteria, apparently afraid to enter a classroom full of males. When they walked on campus, they did so in groups of two, three, or four. The Holy Cross men, conscious of the girls' presence, did very little mingling.

The experiment had a poor ratio of men to women. The number of women in attendance was reported by the Worcester Telegram as 600. This compared with the 2300 Holy Cross students. Thus it appears that the administration, faculty, and students will have trouble assessing the value of the experiment.

In all, it seemed more like an open house than an experiment in coeducation.

Bernard Dodge

will 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: (1) to combine the college and Peace Corps experiences to make both more relevant and meaningful and the personal product more valuable (2) to provide much needed skilled specialists—mathematics and science teachers—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.

## Athlete In Fatal Accident

On the evening of October 1, 1967, an automobile driven by Charles Lawrence Lellman, 22, crashed into a tree seriously injuring the driver. Charles was immediately rushed to Eastern Long Island Hospital where he died on Oct. 11 having been in a coma since the time of his fatal accident. Charles was a brother in Phi Kappa Theta Fraternity here at Tech. He was to return to complete his education next semester. Lellman was a varsity letterman in both football and lacrosse. It was during his first football season at Tech that he received his nickname "Goodhit" by one of our coaches. Charles, just married last month, was buried Sat., Oct. 14 near his home in Greenport, Long Island.

## Open House in Dorms

1:00 - 7:00 p.m  
This  
SATURDAY

## High School Students To Attend Conference

One hundred and twenty high school students and approximately 50 of their teachers from Central New England schools will attend a Junior Engineering and Science Symposium Oct. 23 and 24 at Worcester Polytechnic Institute.

The event is sponsored by U.S. Army Research Office, Durham, N.C.; The Heald Machine Company, Worcester; Army Materials and Mechanics Research Center, Watertown; and Worcester Tech.

Six students, who have won preliminary contests, will read their papers in this event to promote the study of sciences and mathematics, as well as to demonstrate the part which the humanities play in the development of the scientist. The symposium also searches out the talented youth and helps him to develop his interest and abilities. It improves the prestige and professional preparation of the teacher.

The program will include talks on Oct. 23, by President Harry P. Storke of W.P.I.; Albert P. Levitt, chief of the Interdisciplinary Research Laboratory, Army Ma-

terials and Mechanics Research Center, on "Whiskers: Their Growth, Properties and Potential"; Dr. Paul R. Elliott, Div. of Biological Sciences, and assistant dean of the College of Medicine, University of Florida, "Who Knows if the Moon's a Balloon."

On the 24th, Tech Prof. William R. Grogan will speak on "The People versus the New Technology."

There will be laboratory participation sessions, group meetings and movies for the students and their teachers. On both days, students will give their papers.

Levitt has received two degrees from Harvard and is currently editing a book of whisker technology (a field of fiber composite materials).

Dr. Elliott has studied at Phillips University, Enid, Okla.; University of Michigan and Johns Hopkins University. His present research is the biochemical basis and physiological control of bioluminescence in marine bacteria.

Prof. Grogan received bachelor and master's degrees at W.P.I.

# TECH'S UGLIEST MEN COMPETE FOR TITLE



Vic Pearlin—AEPi



Dick Eck—SP



Simon Golec—PSK



R. H. Cowles—ATO



Ritchie Barnes—T.C.



Honda John—TKE



John Lind—SAE



Jim Metzler—DST



Bob Wilson—LCA



Roger Johnson—SPE



Rich Steeves—PGP



Administration

## Resistance Groups Turn in Draft Cards

Washington (CPS)—On October 16 young men in cities and on college campuses across the United States will turn in their draft cards to federal officials.

It will be the first major national anti-draft effort organized by the Resistance, a group of young men who have turned from protesting the war in Viet Nam to an attempt to slow down the flow of manpower into the war effort.

The young men who make up the Resistance are uncertain now how many men will end their complicity with the draft on October 16, but they hope for several thousand. "There are at least several hundred who are committed," says Rodney Robinson of Redwood City, California, "and a lot more who are searching their consciences."

Besides turning in their draft cards, the group also plans to present letters saying they refuse

to co-operate with the Selective Service System and will refuse to go in the army if inducted. "It's not just a symbolic act where we'll say we'll be glad to get our draft cards back," says Richard Moeller of the Washington, D.C. Resistance. He says many men will also send letters to their local draft boards.

What happens to members of the Resistance after October 16 is uncertain. The few individuals who have returned their cards before have usually gotten another one in the mail from their boards, and are often later declared delinquent and called for induction.

But the members of the Resistance do know what action they will take after October 16. Besides hoping that they can slow down the flow of manpower to the war, they also expect that October 16 will provide greater visibility for their opposition to the war and

the draft. Starting October 17, they hope to take advantage of that visibility.

They plan speaking tours, civil disobedience, and other actions to "keep vital the spirit generated by October 16." They plan another, larger non-cooperation day in December, and still larger ones after that.

If any member of the Resistance is given 1-A status and called for physicals or induction, all members of his local group are supposed to go with him to the induction center, "leafletting, talking to other draftees, perhaps disrupting." They hope this will result in even more visibility.

They also expect that some of them will eventually face jail. At that point they may go underground, leave the country, or go to jail. "Whatever is the most politically visible, while at the

(Cont. on p. 6, col. 1)

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# Frosh Undefeated Stop Coast Guard 14-0

Worcester Tech's freshmen football team remained undefeated by overpowering and out-hustling a strong Coast Guard team 14-0, at New London last Friday night. The frosh had very little trouble adjusting to playing under the lights as they scored their second win. The scoreless tie was broken in the 2nd quarter.

With only 2:43 remaining, full-back Dan Dunleavy scampered around right end for twenty yards to cap a 58 yard march. The second score of the game came with 6:49 left in the game when quarterback Ryan hit his right end, Bill Mulloy, with a nine yard touchdown pass. This score was set up by Rick Lisaushas interception and a 30 yard runback. Lisaushas also had another interception in the first half. This

Ryan to Mulloy combination is responsible for three of the five touchdowns that the frosh have scored.

The Tech frosh were especially strong on defense as Coast Guard failed to get within Tech's 30 yard line. Santora, a two-way performer, was tough on defense, continually getting to Coast Guard's quarterback. Santora, who booted the two extra points, barely missed a 53 yard field goal in the 3rd quarter.

The freshmen's next game is with Tufts Jumbos on Oct. 27 at Tuft's Boston Field.

Worcester Tech 0 7 0 7—14  
Coast Guard 0 0 0 0—0  
WT—Dunleavy, 20 run (Santora kick)

WT—Mulloy, 9 pass Ryan (Santora kick)

## PASS-FAIL

(Cont. from p. 2, col. 2)

would be no problem with graduate school admissions. The courses taken on a pass-fail basis would not be in a student's major field, and would thus have had only a minor influence on graduate school admission. The important thing is that students will feel free to experiment in areas of knowledge from which they would otherwise shy away. Perhaps many students would take advantage of the wide range of liberal arts courses offered at nearby Clark.

We feel such a pass-fail program would be an important complement to the historic curricula changes which were adopted last year.

J.G.

## DRAFT CARDS

(Cont. from p. 5, col. 5)

same time not breaking the momentum we have been able to build up at that point, will be the reasonable choice," says a paper written by the New York Resistance, "but the choice is not one we can make now."

The Resistance began in California, organized by Dave Harris, Stanford's radical student body president, and a few others. It spread to several other cities and began to gain momentum this summer. It is primarily a local movement. The groups cooperate but there is no national office.

The men who make up the Resistance have concluded that protests will not end the war and that they must take direct action against the war, to confront the "power centers of the war-makers," as Moeller put it in a recent article in Washington Free Press.

"Individual non-cooperation with unjust laws, the war, the draft, and the Selective Slavery is important on a personal level as well," Moeller says. "To many silence and acquiescence to the system has become the equivalent of complicity in crimes against humanity."

Many Resistance members have deferments, but, as they say in one of their leaflets, "we will renounce them. We realize that the student deferment, the granting of conscientious objector status to a select few, deferments for the clergy and divinity students, the 1-Y classification, and other favors dispensed by the Selective Slavery System, are the tools the war-makers employ to silence, manipulate, and divide young men and to prevent the growth of united opposition to conscription in the war."

The Resistance says that the

student deferment is the strongest of all these because "the best-informed, most vocal opposition to the war comes from the campus, where young people have access to the truth. The war-makers know that many students would refuse induction and that massive resistance to the draft would erupt if students were drafted."

Major activities on the 16th will occur in New York; Los Angeles; Washington; Boston; Syracuse, which will draw from a number of cities in upstate New York; Chicago; Cincinnati; the San Francisco Bay Area; Denver; Portland, Oregon; and a number of small towns, mostly in the Mid-west, where a few people will turn in their cards. Others are being organized now. Each of these cities has a Resistance group.

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# National Association Demands Greater Power for Students

by ED SCHWARTZ

National Student Association

Washington (CPS)—The point should be clear—student power means not simply the ability to influence decisions, but the ability to make decisions.

The days when two students, hand-picked by the administration, could sit on a college-policy committee for seven months, only to endorse a report having little to do with student demands, should end. Student power involves the organizing of all the students, not just the elite; it involves the participation of the students, not just the elite.

The educational premise behind demands for student power reflects the notion that people learn through living, through the process of integrating their thoughts with their actions, through testing their values against those of a community, through a capacity to act. Education which tells students that they must prepare to live tells infants that they learn to walk by crawling. College presidents who invoke legal authority to prove educational theory—"If you don't like it, leave; it's our decision to make"—assume that growth is the ability to accept what the past has created. Student power is a medium through which people integrate their own experience with a slice of the past which seems appropriate, with their efforts to intensify the relationships between the community with the university.

Let this principle apply—we who must obey the rule should make it.

Students should make the rules governing dormitory hours, boy-girl visitation, student unions, student fees, clubs, newspapers, and the like. Faculty and administrators should advise—attempt to persuade, even. Yet the student should bear the burden of choice. They should demand the burden.

Students and faculty should co-decide curricular policy.

Students, faculty, and administration should co-decide admissions policy (they did it at Swarthmore), overall college policy affecting the community, even areas like university investments.

Student power brings those changes, and in the latter cases, it means that the student view will be taken seriously—that it will be treated as a view, subject to rational criticism or acceptance, not simply as "the student opinion which must be considered as the student opinion—i.e. the opinion

of those lesser beings in the university."

Student power brings change in the relationships between groups within the university, as well as change in attitudes between the groups of a university. It renders irrelevant the power of factions outside a university who impose external standards on an internal community—trustees, alumni.

Student power should not be argued on legal grounds. It is not a legal principle. It is an educational principle. Students who argue for "rights" usually fail to explore the reasons for rights. In a university, a right should spring from a premise of education, not a decision of a court, although the two may coincide. Student power can suggest a critique of education.

Most students don't want student power. They are too tired, too scared, or too acquiescent to fight for it. That, too, is a student decision. Those with potential power may choose to ignore it—even those who have decided not to decide have made a decision.

Yet, abdication of responsibility, or transferral of authority to other people inhibits individual and collective growth. Students who accept other people's decisions have diluted their desire to question, to test themselves, to become through being. They create walls between their classroom material and their lives, between their inner and outer selves. Acquiescence is bor-

ing, even humiliating. Education should be neither.

Student power is threatening those who wield power now, but this is understandable. A student should threaten his administrators outside of class, just as bright students threaten professors inside class. Student power ultimately challenges everyone in the university—the students who must decide; the faculty and administrators who must rethink their view of community relations in order to persuade.

People who say that student power means anarchy imply real that students are rabble who have no ability to form community and to adhere to decisions made by community. Student power is not the negation of rules—it is the creation of a new process for the enactment of rules. Student power is not the elimination of authority, it is development of a democratic standard of authority.

Students who abjure student power abjure themselves. They are safe, respectable, but emasculated. Ultimately, they can be dangerous. Later in life, they wield power in the way in which it was wielded upon them—without any standard to govern it save that of power.

The standard of the university should encourage a democratic temperament, not an authoritarian elite. That's the point of student power.

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## Independents To Discuss Exec Council

At the time that the Student Government Constitution was ratified, the amendment placing a representative of the independent students on the Executive Council was also accepted.

In order to start on this important venture, I am calling for a meeting of all independent students on Thursday, October 26th, at 4:15 p.m. in Higgins 109. The purpose of this meeting will be to establish the qualifications of the representative, and of the students who are eligible to vote, to establish a method of election, and to discuss any related subject.

Any man who has the least bit of interest, should attend this meeting. It is the best chance we have ever had to get representation in the Student Government.

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## MUSIC

(Cont. from p. 2, col. 5)

so instrumental to the group, but also was the personality of the group. This summer at the Center Park concerts when Kalb got sick Kooper played in his place and brought the place down. He will be a hard man to replace.

The music industry is full of paradoxes today. You have to be commercial and yet be different. The Blues Project seems to have what it takes. They have the manager, Sid Bernstein (also manager of the Young Rascals), who will get them there if anyone can.

## Draft Information Service

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Literature available

## PLUMB

(Cont. from p. 1, col. 2)

Ridge National Laboratory. His itinerary follows:

- November 6 Lawrence, Kan.
- November 7 Manhattan, Kan.
- November 8 Wichita, Kan.
- November 9 Ponca City, Okla.
- November 10 Stillwater, Okla.
- November 13 Tulsa, Okla.
- November 14 Bartlesville, Ohio
- November 15 Fayetteville, Ark.
- November 16 Pittsburg, Kan.
- November 20 Columbus, Mo.
- November 21 Quincy, Ill.

Dr. Plumb has toured New England delivering lectures. This is his first lecture tour outside New England.

# Bates Hands Gridders Third Loss, 31-15

The Worcester Tech football team traveled to Bates last Saturday and suffered their third loss of the season. The Engineers came out on the wrong end of a 31-15 score and will go into their Homecoming game with Wesleyan looking for its first win.

The Tech team scored the first touchdown early in the game against the Bates team. After an exchange of punts, Dave Swerzewski recovered a Bates fumble. Quarterback Jack Bresnahan led the Engineers on a drive which was climaxed by a 42 yard Bresnahan to Scott pass. Jack McCabe kicked the extra point making the score 7-0.

Bates wasted little time in tying the score. On a third and fifteen situation, quarterback Jim Murphy hit on a hook pass, the ball was lateraled to a trailing half-back who ran to the Tech five yard line. After failing to score on the ground, Murphy connected on another aerial, this time to Tom Lopez for the score.

Murphy's throwing arm was responsible for the Bates go ahead touchdown early in the second

quarter. Al Nesbitt caught the 34 yard pass and fell into the end zone to put Bates in the lead.

A pair of interceptions set up two Bates touchdowns and put the game out of reach. A Bresnahan pass was intercepted on the Bates 35 and returned to the two yard line. Bates pushed the ball over to make the score 21-7. A few minutes later half-back Bob Plante had a pass intercepted and returned to the 20 yard line. The Tech defense held for three downs but on a fourth and long yardage Murphy completed a pass to the two yard line. Again Bates pushed in for the score to give themselves a 21 point lead.

The Tech defense gave up only one first down by rushing the entire first half, but were unable to handle the passing attack of Jim Murphy.

The Engineers got their second score on a 57 yard punt return by halfback Mick Scott early in the second half. Scott caught the ball on his own 43 yard line and headed down the right sideline behind a wall of Tech blockers. John Farley connected to Mike



McCormick on a fake kick to give the Engineers a two point conversion.

The only other score in the game was a 34 yard field goal by Bates in the last quarter of play.

## I.F. VOLLEYBALL STANDINGS

With two weeks remaining in the IFC Volleyball Tournament, a four-way tie for first place existed in the standings. The four teams, PKT, SPE, LCA and ATO, had records of six wins and one loss with each team having five matches remaining.

LCA with six straight wins gained its share of the top spot by scoring a decisive victory over previously undefeated ATO. PKT has ripped off six straight wins, following a loss to ATO in their first match, while SPE has won four in a row. ATO, knocked out of first place by LCA, rebounded into the tie by virtue of a victory over PSK.

In the remaining weeks, ATO must face only SPE while the remaining squads must all play two of the top four teams. The schedule for these games is: Oct. 16, at 4-SPE-PKT; Oct. 17, at 7-SPE-ATO; Oct. 19, at 7-SPE-LCA; and Oct. 24, at 7-LCA-PKT.

### STANDINGS

PKT	6-1
SPE	6-1
LCA	6-1
ATO	6-1
AEPi	4-2
SAE	3-2
PGD	4-3
SHIELD	3-4
PSK	3-5
TC	2-4
TKE	0-6
SP	0-6
DST	0-7

## CROSS COUNTRY DROPS TWO

W.P.I. Cross Country Team lost two meets this week against stiff competition from Bates and Wesleyan making their record to date one win and three losses.

Tech traveled to Wesleyan Tuesday and competed in the rain against what Coach Sanella calls one of the top three cross country runners in the nation. Burfoot and Rogers, both from Wesleyan, tied for first with a time of 21 min. 45 sec. Tech's top runner, Cary Palulis, was third with a time of 22 min. 33 sec. The Engineers again showed good balance finishing in the third, fifth, sixth, seventh, and eighth positions and losing by only a small margin: 26 to 29.

Saturday the runners traveled to Bates with the football team and were soundly defeated in the cold Maine weather by the Bates trackmen, taking only second out of the top eight positions. Doyle

# SOCCER TEAM WINS TWO

## Beat Assumption, AIC

Tech's varsity soccer team gained a measure of revenge on cross-town rival Assumption, by smothering them 6-0. It was Assumption that handed Tech one of its two losses last year. This year, however, Tech completely out-classed the Greyhounds.

Tech opened up its scoring at 9:00 of the first period when Ken Battle lined the ball past Assumption's goalie after being set up by Ken Blaisdell. Tech had many shots in the remainder of the quarter but could not connect. Many of Tech's offensive drives were stalled time after time due to excessive fouling by the Assumption players.

As action resumed in the second quarter, Tech continued to dominate play. Assumption players, who at times seemed more concerned with pushing and shoving the opposition, could not mount an offensive. It appeared as though the quarter would end up in a pushing contest until the referee stepped in and issued warnings to both team captains. The first half ended with Tech leading 1-0. In the first half Assumption has amassed 12 fouls.

The Techmen started out the third quarter on the right foot when at 3:30 Charlie Spitz lifted a high cross which was headed into the goal by Bob Smith. As-

sumption continued to play its pushing game which resulted in three Assumption players being given warnings. Tech scored again at 11:40 on a penalty kick by Eddie Cannon. One minute later Doug Riley lined a hard grounder into the nets. At this point Tech led 4-0. Coach King substituted freely for the rest of the quarter.

Tech wasted little time scoring in the fourth period. With 50 seconds gone Blaisdell headed the ball past the goalie into the nets. An assist went to Paul Hayner who set the score up with a lofty penalty kick. WPI closed out the scoring 40 seconds later when Cannon tallied his second goal of the afternoon on a breakaway up the middle. Leading at this point 6-0, Coach King cleared the bench. Assumption continued in rough style of play that finally led to three players being thumbed out of the game as well as the Greyhounds' coach.

Assumption had twice as many fouls in the game as shots at the Tech goal (26-13). Many of the shots were high or wide giving goalie Dave Kuniholm a very easy afternoon, recording only 5 saves. Assumption's goalie didn't fare as well. The Techmen amassed a total of 31 shots at the Assumption goal, six of which went for scores.

### AIC GAME

Last Saturday Tech's Soccer team traveled to Springfield to play previously undefeated AIC. Playing without the services of Carlos Spitz, the Engineers came through for their fourth victory by downing AIC 3-2.

The first quarter was barely two minutes old when AIC got on the scoreboard. Perrins booted the ball past goalie Dave Kuniholm during a scramble in front of the goal. The remainder of the quarter settled down into a see-saw battle with neither team scoring.

The second period was more of the same with both teams unable to put the ball into the nets. After the first goal, forty-two minutes of back and forth see-saw defensive ball was played.

At 2:15 in the third quarter Ken Blaisdell tied the score on a grounder from the left side. Paul Hayner, normally starting fullback, was moved up to the front line by Coach King in order to get more of a scoring punch. Hayner responded with a goal at 3:30 of the quarter with an assist to Cannon. After this brief offensive spurt by WPI, the game settled back into its previous form. With 19 minutes elapsed in the quarter AIC came back to knot the score at 2-2 with a hard grounder into the Tech goal.

Both teams were unable to

from Bates set a new school track record of 22 min. 17 sec. for the 4.25 mile course while beating Palulis by 32 seconds. The next Tech finishers were Charlie Zepp who finished ninth and Dana Louth who finished thirteenth. The Engineers should fare better against Tufts this Tuesday when they run on their own home course for the first time this year.

score as many of Tech's shots were off target and Kuniholm came up with some outstanding saves in Tech's goal. Ken Roberts, playing for the absent Spitz, tallied the winning goal with only three minutes left in the game. Cannon picked up his second assist of the day. AIC could not score and the final outcome was 3-2 in favor of WPI.

Tech has played 5 games to date. Blaisdell has scored 7 goals and recorded one assist, All-American Cannon has 6 goals, and 4 assists, Spitz has 3 goals and 2 assists to lead the Tech scorers. Tech has outscored its opponents 24-9, including the 6-0 shutout over Assumption.

The next big game for the booters is on Homecoming when they play Cross-town rival Clark University at home.

## Sports Slants

# Defeatist Attitude

This weekend Tech dropped its third straight varsity football game, while the freshman squad won its second game in as many attempts. Comparatively speaking, the freshman team is stronger than the varsity in their respective leagues. Both teams are small, have fine coaches and are in reasonably good shape—possibly because of the social rules given to them. The freshmen do have depth and this we feel gives them a slight edge over the varsity when comparing the two. We do not feel, however, that this is the difference between a no-win on one hand, and a no-loss record on the other. We do think that the real reason for the success of one team and the seeming failure of the other lies in the attitude of individuals playing.

The freshmen all come from high schools where, in many cases, winning was as much a part of the game as was cheering in the stands. To lose was total disgrace and to give up unheard of. This desire to win, coupled with the fierce competition for positions and recognition, make the freshmen formidable opponents. The varsity team, however, is used to losing. Few can even remember when they had a winning season. The team's spirit is getting lower and lower, especially as they realize that they could have won the games they dropped. It seems that now and then in the game the team loses its confidence and takes on the attitude that it can't possibly win. This attitude, together with Tech's traditional bad breaks, has hurt the team considerably in all three games.

We feel that many players do not possess this defeatist attitude and have the desire and spirit necessary to make a winning team. There are a few, however, who do get discouraged when the team gets down a touchdown and the fans, if there are any, display their support by sitting on their hands. If these players cannot shake this feeling, then the team cannot possibly win. A team consists of the eleven men on the playing field working together as a unit. If one man doesn't do his job, there is no hope for a victory.

We in the Sports department would like to express our confidence in the team and hope that the players will realize their true worth and start winning games. We would also like to solicit the support of the student body, although on this subject the Sports Department possesses a defeatist attitude.

## TECH NEWS

Makeup

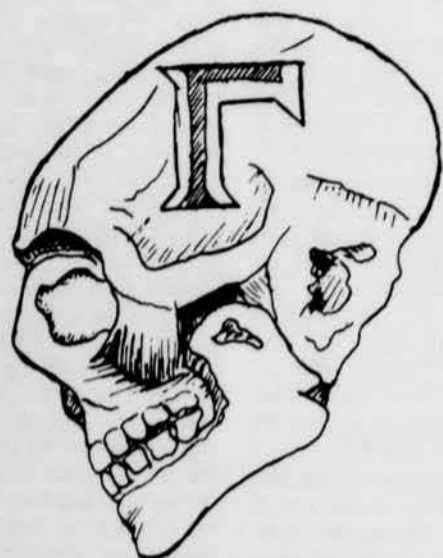
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# HONORS PLEDGES

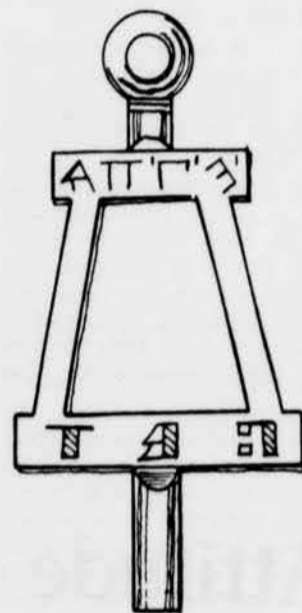


- DOUGLAS WAYNE KLAUDER**
- JOEL SAMUEL SCHOENHOLTZ**
- MICHAEL ANDREW SCOTT**
- DAVID REYNOLDS SPEIRS**

## TAU BETA PI

Twice each year Tau Beta Pi, a national honor society whose major goal is . . . "To foster a spirit of liberal culture in the engineering colleges of America," selects members from the upper fifth of the senior class and from the upper eighth of the junior class to become members. The members listed below have been chosen because of the honor they have conferred on their alma mater through . . . "distinguished scholarship and exemplary character as undergraduates":

- DAVID HALL**
- ROBERT HORANSKY**
- JOHN HOYT**
- RONALD JODOIN**
- C. DAVID LARSON**
- MICHAEL PAIGE**
- ROBERT PLEINES**
- MARK SIMPSON**
- SCOTT WILSON**



## PI TAU SIGMA

Pi Tau Sigma, national mechanical engineering honor society, whose purpose is to develop a feeling of sound engineering ethics, pledges the following:

- Francis Addressio**
- David Baxter**
- Stephen Brodeur**
- Peter Konopa**
- James Sinnoman**
- Robert W. Smith**
- John Thompson**



## CHI EPSILON



Chi Epsilon is the National Civil Engineering Honor Society, whose purpose is to honor outstanding members of the civil engineering department, including graduate students and faculty members as well as undergraduate students. Undergraduates must rank in the upper one-fourth of their civil engineering class and the upper one-third of their class.

- Walter C. Cynick**
- Kenneth W. Roberts**
- Donald G. Johnson**
- Edward A. Mierzejewski**
- Alan A. Randall**

## CHEMICAL HONOR SOCIETY

The Chemical Honor Society, whose purpose is to reward achievements in Chemistry and Chemical Engineering, pledges the following men:

- Anthony Bergantino**
- Carl Dupree**
- John Kokoszka**
- Mark Simpson**



## SCABBARD AND BLADE

Scabbard and Blade is the newly formed honor society for the cadets of the Reserved Officer Training Corps. Its purpose is to recognize the outstanding members of the advanced Corps, and to work for the betterment of the program.

It gives us great pleasure to recognize the following new members:

- Charles Terrell Chase**
- David Putnam Crockett**
- Peter Grosch**
- Thomas Gurney**
- Chester Joseph Kasper**
- Thomas W. Kolterjahn**
- Roger Miles**

## ALPHA PSI OMEGA

Rho Kappa chapter of Alpha Psi Omega, the National Dramatic Honor Society, pledges the following men, who have helped foster a higher grade of drama at Worcester Tech:

- George Bazinet**
- Prof. Charles Heventhal**
- Peter Konopa**
- Steven Leece**
- Richard Robey**



## PI DELTA EPSILON

Pi Delta Epsilon, a national collegiate journalistic honor society established to recognize journalistic excellence, pledges the following men:

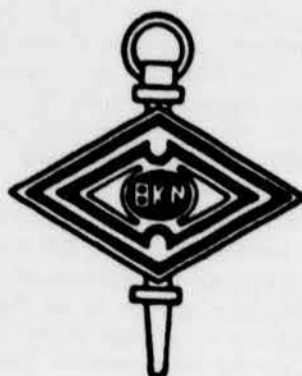
- Peter Anderson**
- Michael Babin**
- Stephen Brodeur**
- Victor Calabretta**
- Neil Durkee**
- H. Paxton Gifford**
- Stephen Holub**
- Michael Noga**
- Robert Pleines**
- Raymond Racine**
- Frederick White**



## ETA KAPPA NU

Eta Kappa Nu, National Electrical Engineering Honor Society whose purpose is to advance the profession of Electrical Engineering, pledges the following men:

- Robert Anderson**
- Michael Babin**
- John Dubiel**
- Wayne Fabricius**
- David Rice**
- Richard Romeo**
- Prof. W. Wadsworth**



## PI MU EPSILON

The Massachusetts Alpha Chapter of the Pi Mu Epsilon fraternity, whose purpose is to promote scholarly activity in mathematics among the students and faculty, pledges the following:

- George M. Banks '69**
- George R. Bazinet '68**
- Wayne N. Fabricius '68**
- E. A. Olszewski, Jr. '68**
- Michael R. Paige '68**
- Leo T. Sprecher '68**

