WELCOME ALUMNI

A MESSAGE FROM THE PRESIDENT . . .

Tomorrow's auspicious occasion honors Lowell Technological Institute doubly, marking the dedication of the latest fine building on the campus and highlighting the annual Alumni Reunion. It is the first time the Alumni have played so prominent a role in an academic affair of this nature, and both Faculty and Administration are delighted to have them participate so closely in the current conduct of the college.

The LTI Alumni Association I should like to express the appreciation of this Institute for the members’ ever-willing spirit of assistance and demonstrations of good will. Your college is most grateful to you, and I am especially pleased to bring you this message through the columns of THE TEXT, voice of the student body which one day will form a worthy segment of the Alumni.

In turn, all of you—whether you studied at the Lowell Textile School, the Lowell Textile Institute, or at the college under its present name, Lowell Technological Institute—were given during your years in these halls of learning the best available general education in citizenship and technical training for fruitful professional careers which have brought you success in business and industry.

On this significant Alumni Weekend, your Alma Mater earnestly asks of you the renewal of your wholehearted and unfaltering support for all her policies of expansion and programs of advancement. May your united cooperation be the cornerstone for LTI's future progress!

MARTIN J. LYDON
President

Honorary Degrees To Be Awarded Tomorrow

Three outstanding representatives of government, industry, and education will receive the honorary doctor of science degree tomorrow at the special academic convocation.

They are the Reverend John A. Victory, governor of the Commonwealth; Richard E. Krave, president of Raytheon Company; and Doris S. Lyons, vice chairman of the LTI board of trustees.

Seminars at the central of the honorary degrees will be Dr. Martin J. Lyon, president of the Institute, and Samuel Finanski, chairman of the board of trustees. They will be assisted by Dean of Faculties Melvin Mark and Dean of Students Howard W. Irwin.

Governor Velcy, a native of Willimansett and graduate of Malden high school and Wheaton Institute, holds honorary degrees from six other institutions of higher learning. From a start as bookkeeper, then journeyman plasterer, he became president of his own business in 1933 and until he was executive of Massachusetts Contractors Association in 1953, 1954, and 1955, and president of the John Velcy Construction company. He was Massachusetts Commissioner of Public Works from 1953 to 1956 and Federal Highway Administrator in 1956 and 1957. He is a Knight of Malta, past national president of the Associated General Contractors of America, and past president of the Greater Boston Chamber of Commerce and the Society of American Military Engineers. The governor served in World War II with the Navy civil engineer corps, retiring with the rank of lieutenant commander.

ALUMNI REUNION

Activities are well under way for the first Alumni Weekend to be held on the LTI campus, and according to all signs, this reunion should prove to be the biggest and best yet.

The chairman of the alumni reunion weekend in Prof. John J. McDonald of the LTI faculty. Working in close conjunction with Prof. McDonald are committees consisting of faculty, administration, and students, who are all striving to make this reunion the most memorable in LTI's history.

The program set up by the co-ordinators of this year's alumni weekend is the most extensive ever presented at such an affair.

Activities for the weekend will commence this Friday evening with registration followed by a smorgasbord buffet and social at Vesper Country Club. Following registration on Saturday morning, a series of two panel discussions will be held. Participating on the panel on "Management in an Advanced Technological Age," moderated by Prof. Stuart L. Mandell, head of the department of economics and management, will be John Janigan, President of Cybernetics, Inc., Haverhill, and Van M. Stevens, Jr., advertising supervisor of Raytheon's Lechmere plant. Dr. Kenneth E. Fox, alumnus, past president of LTI, and Prof. Richard S. Miller, vice president of Raytheon's Research Laboratories, Inc., Decham will moderate the panel on "The Interaction of the Technologies." Participants will be Dr. Albert Choquette, paper chemistry; Prof. Edward M. Emery, paper technology; Dr. Russell W. Ellers, plastics technology; Prof. John H. Skinkle, textile chemistry; and Dr. Edward S. Gillen, textile engineer.

While these activities are in progress, the Faculty Wives Club will entertain alumni wives at a morning program and coffee hour, following the activities of Saturday morning, the buffet luncheon will be held in Essex Lounge, at which time President Martin J. Lyon will present his "state of the union" address to the convened alumni.

After the luncheon a general open house will be held, at which time members of the student body will act as guides to the visiting alumni about our expanding campus. Members of the technical societies have gone out to provide interesting displays and demonstrations dealing with their particular field of study.

Following the open house, the Air Force ROTC will present a parade and review, with an honor guard comprising the LTI contingent of Battery F. Governor John A. Velcy of Massachusetts will be in attendance for this and the following ceremonies, Governor Velcy, along with Richard E. Krave, president of Raytheon Company, and Doris S. Lyons, vice president of the LTI board of trustees and manager of Kidder, Peabody & Co. of Lowell, will receive honorary doctor of science degrees at a special academic convocation to mark the dedication of a new
Progress is a long-range measure of change and, or, growth. As with any natural growth, there are two ways to measure or to define change. One is in terms of short-term units, and the other in terms of the initial subtracted from the final.

When the Peace Corps was created, it has one inherent disadvantage: the overall or “big picture” cannot be seen; or in analogous terms, the forest cannot be seen for the trees. The latter method then is best for measuring overall change or growth, and the former for measuring the rate of that change or growth.

That is why we feel that among all of our guests this weekend, those who have not visited the school in some time are those who will derive the most pleasure, and certainly, the greatest surprise, from their visit.

The most conspicuous change, of course, is the magnificent new classroom and laboratory building of which dedication ceremonies are included in this gala weekend. Needless to say, this model building is the pride of the Institute. Students representing the various campus organizations will be giving demonstrations of their many scientific projects in the many laboratories Saturday afternoon. The new building marks the single significant step in growth in the history of the Institute. Yet this is but a prelude to even greater expansion which follows shortly. Ground-breaking is anticipated next spring for a nuclear center which will dwarf all previous growth, for this center will be second to no other college in the world, Lowell Tech, which has earned world-wide recognition for its contribution to the textile industry, will soon have world-wide recognition in the physical sciences. In the light of this goal, we have begun to grow.

As the official news organ of the student body of Lowell Tech, we would like to welcome the alumni and guests to the Institute and hope that your visit with us may be not only pleasant but enlightening.

Patrick Vail
Proctor 35
ARE SHELTERS WORTHWHILE?

THE TEXT

The real blame doesn't lie with the police; it is the population of pigeons that have the gambling bag or a share in the betting business. Dogs, horses, balls, and numbers. These people are working people and can't go to the track, so they bet with the plant books. He sells his bets to the human bookie and recovers his losses. If he doesn't go to bookies, he will go to bookies who do.

IT'S WORTH THE BOTHER

by Victor DiRienzo

The real blame doesn't lie with the police; it is the population of pigeons that have the gambling bag or a share in the betting business. Dogs, horses, balls, and numbers. These people are working people and can't go to the track, so they bet with the plant books. He sells his bets to the human bookie and recovers his losses. If he doesn't go to bookies, he will go to bookies who do.

Prof. of Econ. Tufts University

PARE PAGE

THE BEAR WENT OVER THE MOUNTAIN . . .

by Fred Ralrow

In view of current evidences, conditions on the automobile insurance rates in Massachusetts I feel a necessity to express my views as a voter, taxpayer, and citizen as well as a resident of that state; and it is of interest to mention that the general economic conditions, as well as the political and financial conditions, are of importance.

The Massachusetts legislature has adopted a law which prohibits the sale of automobile insurance policies in that state. As a result, the Massachusetts Department of Insurance has been instructed by the legislature to prohibit the sale of automobile insurance policies in that state.

The law is intended to prohibit the sale of automobile insurance policies in that state. As a result, the Massachusetts Department of Insurance has been instructed by the legislature to prohibit the sale of automobile insurance policies in that state.
Mr. Krupke

John Lydon was born in North Adams and received his early education in Boston schools. He obtained the A.B. degree at Northeastern University and later attended Bentley Business College. When he served in both World War I and World War II, he was associated with his own firm, the Probity and Company in Boston and Lowell and later in management of the Big Low, Lower and Loewell. A Knight of Malta, he is a member of the Yorick club and Vesper Country Club and hands many important assignments. He resides in Lowell.

Mr. KRAUZEVIC

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IS THE PEACE CORPS WORTHWHILE?

No!

Peace Corps would be a more appropriate term for the Pueblo-Corps which is resembling the idealism of the American people and thereby arousing great expectations incapable of fulfillment. If present plans proceed, it is unlikely that Peace Corps will have the same effect on the life of the West in the underdeveloped nations. The idea is noble and sincere but a little short on realism.

First, it is a well-established fact that these underdeveloped nations are falling behind population increase, in their ability to produce the things which are fundamental—food, housing, etc., and two hundred (200) trained idealists with good intentions and six months training in Puerto Rico can hardly turn the tide in such a country.

The first failure of the Peace Corps has been the obvious inability to prepare the volunteers for the conditions under which they must survive (and the word survive is used advisedly). It was demonstrated in the recent "Peacecard List" in Nigeria. When you read this card (LIFE Magazine; Oct. 27) it is impossible not to wonder what this girl expected, she says, "Everyone lives in the street, cooks in the street, sells in the street, and even goes to the bathroom in the street." This naiveism is astounding and it is a fair indication of the innocence among recruits who will be told, "set Communism's encroachment. It would appear that leadership of Peace Corps would recognize the almost inherent limitations of recruiting almost exclusively from colleges. They have thus far shown no such recognition.

Although most of the work in the nations lies in the basic areas: agriculture, building, sanitation, etc., the overwhelming number of volunteers are from the arts. At a training center in Rutgers, a Peace Corps official exclaimed, "What in the world does a man with a Masters Degree in math expect to do on this farm?" It is not only in the United States that the Peace Corps is long overdue. If the foregoing paragraph seems too charged, on only to read such books as "A Nation of Sheep," "The Ugly American," "Satire on Cuba," to realize that the predictions of blundering mistakes by our representatives in the critical parts of the world is a very real and sustained threat to the world. Peace Corps is long overdue! If there be any reason why it is not, then the Peace Corps will not be worth while. As an alternative one might offer: 1) A longer training program conducted by the State Department (not the President's brother-in-law). 2) An increase in pay to attract the farm boy from Iowa who accumulated $1,000.00 in college; instead of the psychology major from Smith. 3) A basic change in the "expected philosophies" for the Peace Corps. This change is to alter the man who likes what goes, and as grand pacifists. If even a small percentage of Peace Corps people make government career it would not be too long before all branches of the government had a hard-core of people who are expressing the philosophy of an America which is a primitive they do not care about anything except survival. No system will suddenly have the prestige, but it does not have the firm footing, careful training, higher pay, much more careful selection, and a different basis for selection will certainly go a long way toward improving the latest New Frontier Fiasco.

Yes!

More important than the humanitarian and ideological "help our foreign brethren" aspect of the Corps is the large range product—a desperately needed source of American experts on foreign affairs.

by Paul Heilcut

The real value of the Peace Corps will not be appreciated for a few years yet, and will depend upon a present stepping up of the program and eliminating the bugs that accompany any new project of such magnitude. As with any "new idea", there are always new ideas and one reason why "it won't work." We are in a time of crisis where negative reasoning must be displaced by positive action.

Peace Corps efforts will pay off sufficiently in the long range view. Yet even to consider the popular short range view the United States would be better represented by "starry-eyed idealistic American youths", if indeed they must carry this label, than by many of the present fat cigar-smoking Caucasian cullators in Cadillac limousines who can neither speak nor understand the language of the country they represent us. In Cuba, our foreign agencies inflicted with an alarming proportion of diplomatically ignorant and phony officials, professional political, corrupt politicians and contractors who place personal ambition for wealth and power over anything above a national interest, if not all of whom day by day make the American image uglier, the Peace Corps as a human experiment is long overdue. If the foregoing paragraph seems too charged, one only to read such books as "A Nation of Sheep," "The Ugly American," "Satire on Cuba," to realize that the predictions of blundering mistakes by our representatives in the critical parts of the world is a very real and sustained threat to the world. Peace Corps is long overdue. If there be any reason why it is not, then the Peace Corps will not be worth while.

To answer the question, "What do we do with the Peace Corps?" It is not a skillful person that she can afford to turn fit into tight naivete to think that members of the Corps can turn back the diggers? A recent speaker here at Lowell Technical most bluntly stated all such questions of professional incompatibility with the stock phrase, "you can always teach English." Just how he suggested for instance, someone in training in Swahili to teach English is beyond comprehension. As an alternative one might offer: 1) A longer training program conducted by the State Department (not the President's brother-in-law). 2) An increase in pay to attract the farm boy from Iowa who accumulated $1,000.00 in college; instead of the psychology major from Smith. 3) A basic change in the "expected philosophies" for the Peace Corps. This change is to alter the man who likes what goes, and as grand pacifists. If even a small percentage of Peace Corps people make government career it would not be too long before all branches of the government had a hard-core of people who are expressing the philosophy of an America which is a primitive they do not care about anything except survival. No system will suddenly have the prestige, but it does not have the firm footing, careful training, higher pay, much more careful selection, and a different basis for selection will certainly go a long way toward improving the latest New Frontier Fiasco.
DISTINGUISHED AFROTC CADETS ANNOUNCED

OON BROOKS

At a recent ROTC convocation Lt. Col. Eugene T. Hotte announced the designation of five senior cadets as distinguished AFROTC cadets. They are Donald A. Brooks of Wenham, Massachusetts; James J. Egerton of Malvern, Pennsylvania; Thomas P. Eldridge of W. Concord, Massachusetts; Peter L. Mitsakos of Lowell; and Leon A. Narbut of Norwood, Massachusetts.

In qualifying for this distinction, these cadets have demonstrated outstanding qualities of leadership, high moral character and a definite aptitude for military service. Before becoming eligible for distinguished cadet, one must rate in the upper third of his Air Science class, his Summer Training Unit, and his graduating class. If subsequently selected as distinguished military graduates, these men can receive, on application, commissions in the Regular Air Force.

Pictures of our distinguished Cadets are above and below.

The Renaissance Film Society presents
Lowell's Only International Film Series
This year featuring
FEDERICO FELLINI's
"THE WHITE SHEIK"
plus films by:
Bergman - Welles - Eisenstein - Clayton
and Leaud & Gilliat

AGMSSION BY SUBSCRIPTION ONLY
— Special Student Rates —
For complete list and information write or call:
Albert Santerre, 83 Pawtucket Drive
Lowell, Mass., Glenview 2-0961

Check your opinions against L'M's Campus Opinion Poll '11

1. Has the Berlin crisis increased Russia's prestige in Asia and South America?
   □ YES □ NO

2. Do you look at every date as a prospective wife (or husband)?
   □ Half a pack or less □ Less than a pack
   □ A pack or more

3. How many cigarettes do you smoke a day?
   □ YES □ NO

Expect more, get more, from L&M

There's actually more rich flavor leaf in L&M than in some unfiltered cigarettes. You get more body in the blend, more flavor in the smoke, more taste through the filter. So get Lots More from filter smoking with L&M.

Get with the Grand Prix . . . Enter today, enter incessantly!

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Get with the Grand Prix . . . Enter today, enter incessantly!
For President
ALEXANDER KULAS
I believe that the primary duty of the President of the Freshman Class at Lowell Technological Institute is to firmly unite the three factions of the class, and to achieve the highest degree of unfamiliarity that exists between Farnam Hall, Smith Hall, and the Consuming Students. However, there should remain a competitive spirit for individual excellence, but it should be the spirit of that which aims on a more noble goal: each of us to increase the well-being of the team always in your gift. I believe that the president should make it his personal duty to see that last year's freshman orientation period actually clears the student's appreciation of the heritage of Lowell Technological Institute.

The most outstanding example of the tenacity of the present system is how many of our class know the Alma Mater, or have even heard it! To accomplish these goals, and others too numerous to mention, the freshman class must be united and to that effect, it is that I have the distinction of being successful representatives.

For President
KENNETH DALLAMORA
In accepting the nomination for president of the freshman class, I stepped up to the challenge myself, to be a true representative of this class. The president is the official representative of the class, hence a poor president could set the impression of a poor class.

Now I will ask you to stop and think to yourself. What type of person do I want in a class president? Is he the electing for the president's right or is it the person best suited for the job going to come out on top?

My platform consists of successful representation of the desires and aims of the freshman class. As a member of the Dormitory council and having had three years of actual working experience in industry, I feel as if I could and would be a successful representative.

For President
JOHN GRAF
Do you know what weGBAGNON the incoming election we class to the best class in the Freshman Group? Do you want to be the class which we know only this year or the incoming freshmen group at all basketball games before the elections, and all other school events. I could tell you about my Avex, Randy's biggest high school days, but this is something no one else will have during the basketball games. I am the only freshman that can do this.

I will campaign to be the strongest class in the Freshman Group and for all of our rights. I will campaign for the Avex and will continue to do this for the remainder of my school career. I will campaign to make our class "write so, for a life class Vote for Graf".

For Student Council
RAY "RED" LAPIERE
If you elect me, November thirteth, the freshmen will get a chance to exercise your greatest privilege: the right to choose our governing body. Everyone should participate in this coming election, to show the opinion of all of us.

I, as the future president, have the ability to listen to the opinions of all of us. I must have the authority to reflect the views of us, and for that point I can only promise that what I will do is attack it. That is the plan of Paul, and I am given this chance to raise represent the freshmen.

For Student Council
ANTONIO J. GAGNON
In the incoming election for student council I must select from the group of candidates which I know are few; to let you know who the best is. My reasoning behind this statement lies in the fact that there are only five months of duty for the freshmen officers. If I am elected, I will show you what a man can do in this short period of time. I would like to have local children keep on playing on the lawn in front of Evans Hall. If you elect me, I would also like to see more activity during Freshman Orientation and a larger Field Day curriculam. I cannot promise you these things, but I can promise you the greatest efforts for your benefit.
SOLUTIONS TO THE “DUNKING DUCK” PROBLEM

There was great response to the problem posed by the “Dunking Duck”, however no one submitted a solution comparable to that of Dr. Stockman.

First Dr. Stockman’s solution is given in its entirety. Second, the solution submitted by Conrad Fortin is included. It is theoretically, but it would probably be very difficult to construct a working model of the near ball shape, with duck and cuff at the same scale and would tend to throw the system out of phase. His solution was the best one submitted. The third solution submitted by Ralph Knight is quite vague and indirect and I quote: ‘If Mr. Knight doesn’t have a full understanding of the “Dunking Duck”, I should have included Thomas Edison’s particles wave equation which would have made his solution more complete indicating that he has full understanding.

Next page will have the mystery “Flying Umbrellas” by Prof. Mallan of the E. E. Department.

Secret of the Dunking Duck

In the description of a ducking duck without liquid, it was stated that the creature did not need a glass of water, but now, when the duck of describing it here, it must be admitted that the duck needs a glass, or some kind of “water hole”, although it does not contain any water. Among the ducks of the Early into which the duck inside its magnetic back, is mounted a tiny inductivity with many thousand of the depositors. Inductivity is a hill which provides the common-emitter connection for a switching transistor, see Fig. 1. The base part L4 of the inductivity is shown to have two electrodes A and D, and the upper part L4 is connected through the battery E to the

for President

ALVIN TOMPKINS
I. Alvin Tompkins am running for the office of president of the class of 1965 here at L.T.I.

My platform is a conservative one. I promise nothing. I don’t claim to get anything spectacular done. I only hope to make progress little by little and to make the class of ‘65 the best that L.T.I. has ever seen.

I believe by acting as your president you will elect a student who was engaged in not too many, but enough activities, whereby the student situation comes into full view. I am a member of R.B.T., Drill Team, The Tech Players, and the bowling team. I am 16 round activity schedule and furthermore it does not hinder me academically.

I hope to get into off-ice with class and people just like me. I really endorse the following:

Vice-pres. John Rabin
Secretary Eileen Conteh
Treasurer Don Fortin
Student Council Rep.
John Cronholm
We’re see you at the polls.

More Vertical

STEPHEN JAMES DANIEL

The work presented on the organization of an organization that must be satisfied if the organization is to function properly. The first class of 1965 had the task to conduct, and I, the inductivity, to draw upon the privileges es- teded to us. The second re- quirement is to have leaders that know the correct, best and fastest methods to achieve the goal. This class the class of 1965 does not have... nor will it ever have, unless certain steps are taken in order to assume the class of superior officer.

The procedure for nomination and election in this con- test allows for the most in- competent and inferior sur- vellia to win. The democratic system is taking an awful beating by this force and I don’t see any way to present the candidates to the peers (you and I) as a debate is not established, and if the present condition of election by extravagance is not rectified, I will withdraw from the contest. A campaign poster is meant to make you decide one way by presentation of only one side. I say there should be a way to present both sides and not that depending on the ignorance ticket!
Like Free!

It's sporty, it's speedy, it's a Sprite ... and it's yours!

All you have to do is like win!

Grand Prix Contest

For New England College Students

Here's the story, man. Eight, count 'em, eight of these swinging Sprites will go to eight guys or gals in New England colleges. The other 44 states strictly don't count. Get the picture, get the odds? This is one deal you've got to get in on.

First thing to do, get your hand on a Registration Envelope, which gives you the easy Contest Rules. You'll find Registration Envelopes everywhere— all around campus and in your local smoke shops. Our Liggett & Myers Campus Rep has stacks of them, too—so track him down.

Next, you take a little quiz. It's printed right on the envelope, see, it's about sports cars and you can do it in like 47 seconds. Then smoke 5 wonderful packs of Chesterfields or L&M's (or, if you're a menthol man, Oasis), tear the bottom panels off all 5 packs, tuck them in the envelope, sign your name and mail it.

Now comes the brain work. If you pass the quiz you'll receive a limerick in the mail with the last line missing. So finish it! Send in the best rhyme you can think of. If the judges (an independent, impartial lot) think your line is the cleverest, you're like behind the wheel of your Sprite already.

Enter incessantly! Because there are 8 Sprites up for grabs, dad! The 4 winners of the Fall Contest will be announced at the end of the Fall Semester. Then the whole jazz goes into high gear again—and toward the end of the Spring Semester the other 4 Sprites go on the block. So stay with it all year— keep smoking those wonderful Chesterfield, L&M or Oasis cigarettes—keep trying! Win, man!

Buy 5 packs and get started. There will be 8 new '62 Sprites on the campuses of little old New England by next May, and you might as well jingle the keys to one of them in your jeans ... right?

GET WITH THE GRAND PRIX... ENTER TODAY, ENTER INCESSANTLY!
Exams?

Here's the easy and safe way to keep mentally alert:

It's the safe stay awake tablet—NoDoz®. And it's especially helpful when you must be sharp under pressure. NoDoz helps release mental alertness in minutes.

NoDoz keeps you alert with the safe awakener found in coffee and tea. Yet NoDoz is faster, harder working, and safer.

Absolutely habit-free, NoDoz is so safe it is sold everywhere without prescription. Take it while driving, studying, working, or entertaining.

A FURTHER PRODUCT OF GROVE LABORATORIES

LUCIEN BRUNELLE, INC.
REGISTERED PHARMACY

DRUGS — MEDICINES — SICK ROOM SUPPLIES

105 TIVIATE AVENUE
LOWELL, MASS

The T.V. people have be- come so omniscient they should be no more sensational or manipulative in the industry. This new policy poses quite a few problems. This ex- cipient from the Sunday Re- view was written by Robert J. Fu- siole, and it states one of these problems. He has called it A VOTE QUESTION. The Bufferin commercial, lavari- ates if you don't vote first. It is to worry me right up until the following Sunday night. We are shown two flasks, each of which looks as though it holds a pint of clear liquid. They contain, the announcer tells us, "Ordinary water, and an acid. The acid side view questions me the rest of the week: Where do they get it?"

We wonder if there is any more misinformation on television, so I assume that there really must be a full carton of ordinary stomach acid in these flasks.

Where?

Is it the collection of minute sensations gathered from all the musicans, ad agencies, camera men, and salesmen's friends? Or does the agency one special man to turn out the supply? How does it get into the acid? Does it last? And, when the program is over, what happens to the acid?

Are they put in the refriger- ator till next week, or is a fresh supply used each week?

Every Sunday night, the frigid impact of that stomach acid standing in the hot lobby of a television station carries me, in apprehension, to my study, and I deal with Lux soap. How we are introduced to a chemist's jar of liquid which is really so called Is a Secret Beautifying Compound that is added to Lux soap. The jar is not marked. Why are the Oskars? In my twenty-one inch screen there appears to be no difference in the liquid indicated as a Magic Beautifying Ingredient and the liquid indicated as stomach acid.

How about enough about television, and have been involved in television commercials show that behind the scenes of Can Camera there must be the usual amount of excitement, last minute excitement, and a great deal of real behind the scenes antics. And I worry.

The idea is a modernization, that young lady's complexion if, by some conceivable slip, the stomach acid gets into the Maple Irritant aid and was then added to the soap that might occur if the Maple In- gredient, by virtue of the re- verse slip, had a Bufferin tab- let crunched into it? Could a mem- ber of a Bufferin battle on the Jack Paar show that exploded a steel ball in a suit of armor? What might happen with a similar ingredient?

The third commercial on the chosen one. For Lux Liquid, shows two soiled dining plates being immersed in a separate transparent containers. One of them, the announcer tells us, contains Lux Liquid—the other contains "a well known cleaning agent."

I'll give you one guess.

COMMODORE BALLOON

WEDNESDAY, NOV. 22

Thanksgiving Eve

BOB BACHELER and His Headline Orchestra

A Special Salute To All College Students In The Area.
Delta Kappa Phi Fraternity

Amidst the world recalling alma maters, Delta Kappa Phi is continuing its tradition of excellence. The Chapter's annual Founder's Day celebration is the latest in a series of events that honor the memory of Delta Kappa Phi's创始人s. The celebration includes a variety of activities, such as the annual induction ceremony and the presentation of scholarships to outstanding members.

O Pi News

The big news this week is the O Pi weekend, and certainly the social committee should be commended for the way the parties were run. The committee is composed of Janet Healey, John Tomlinson, Peter Matsuoka, Paul Holley, Bill Liptich, Ralph Cook, Paul Patalinich, Thor Pechkei, and Shul Peree. Everyone agreed the choral group did a good job.

On Saturday night the spotlight swung on O Pi twice as we were preparing for the weekend. The first was the annual Founder's Day banquet, which was attended by all members of the chapter this year. The football trophy was handed over to the independent, and the football team attracted a lot of attention.

At the annual Founder's Day banquet, the football team presented the school with the championship trophy, which was a great moment for the chapter and the school as a whole.

The weekend continued with a dance, where guests were entertained by the band and the chapter members. The atmosphere was lively and energetic, and everyone seemed to be enjoying themselves.

After the dance, the chapter members gathered for a final party, where drinks were served and conversations flowed. The chapter members took the opportunity to reflect on the events of the weekend and to plan for future events.

Delta Kappa Phi Fraternity News

Walt Land News

Well it was another truly great weekend for the House on the hill. This past weekend saw the Brothers of Pi Lamba Swagum involved in a number of activities, including the traditional Founder's Day celebration and the monthly social gathering. The chapter members were joined by guests from other chapters, and everyone seemed to be enjoying themselves.

The weekend concluded with a final party, where drinks were served and conversations flowed. The chapter members took the opportunity to reflect on the events of the weekend and to plan for future events.

The following week, the chapter members will be joined by guests from other chapters, and everyone seems to be looking forward to the events.

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Graf for President

Sic Flsics

"Thanks, Mr. Froshib— but still I think I'd rather have CHESTERFIELDS!"
IRIE
Lowell Tech's student IRE has launched this years acti- vities for the current school year. IRE monthly meetings have already been held, the latest of which was held on Wednesday, Nov. 8. If you join IRE you will be a part of an extremely interesting address to the members of the club. In addition to the regular monthly meetings, the club also promotes an extremely successful and very professional and a very well attended IRE Breakfast, when Dr. Patricia Glatz delivered a very absorbing talk on the current world situation.

In the line of future events, the club is planning to hold its annual "Pizza Party" on Monday evening, Nov. 20. The festivities which are planned for this event are first and foremost food and wine of events. If you are an earrings collector, IRE has you covered. This event provides an excellent way to appreciate and support this industry that is in full swing.

PHI SIGMA RHO
As the Sigma Chapter of the National Professional Engineering Fraternity, are new members of the club. These students have officially joined the Club that meets at an upcoming dinner meeting at the Kiwanis Club of Lowell.

CIRCLE K NEWS
The activities of the Circle K club of Lowell Tech are well underway. The club is in the process of organizing its officers and activities.

S.P.E. HOLDS DINNER MEETING
The student chapter of the S.P.E., formally opened its 1962-63 year, with a dinner meeting at the Para-Mount Lodge, Chelsea.

Guests at the dinner meeting were Dr. Russell Elhai, ENR sec- retary president, and Dr. Edward McFarland, professor of mechanical and industrial engineering.

The Society of Professional Engineers is a national society established to promote the welfare and interests of professional engineers, and to encourage the advancement of the engineering profession.

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Western Electric
EAMES HALL CALLS SMITH HALL
Response has been picking up to the request for a new school nickname. We have three instead of one. They are from Larry S. Manovich, Carl Mendoza and Richard A. Folke who are all from, not surprisingly, Eames Hall. Being an old Eames Haller, room 101, this school spirit makes me feel good to have our own school spirit. As for Smith Hall it seems that they don't have one at all. Even though we have only three responses, Smith Hall gave us carte blanche. So Smith Hall is here to catch you up if you can. Fill out the blank and send it to box 229. Do it today!

Carl Mendoza sent in along with his name, the Cheifman, would go a soccer playing ladies' chief. Great idea! Confident? For obvious reasons, only anybody who sends his name, a seed in symbol — electron, tiger, Indian chief — to Eames Hall will receive the THE TEXT STAFF EXTENDS THEIR THANKS TO ALL THOSE WHO HAVE CONTRIBUTED.

GIVE LTI A NEW NICKNAME
The new LTI Nickname should be:

CAREER CLOSING SEASON CROSSES WITH INJURIES & 5-2 LOSS TO NEW BEDFORD

PROGRAM MEET & GREET

L.T.I. TENNIS TOURNAMENT NOVEMBER
LIT's annual LIT tennis tournament was recently completed at Smith Hall with Bruce Polakow being declared the winner.

The tournament drew a field of 16 men, representing the freshmen: Dave Festinger, Dave Beeter and Jerry Cepaitus.

The first round went according to seed except for one upset when freshman Dave Beeter defeated Jerry Cepaitus upsetting third seeded Dave Douglas, 6-2, 6-1. Bob Mahoney breezed past Jerry Cepaitus, 6-2, 6-1, Beeter defeating Steve Pease, a man in a close match, 7-5, 7-5, and Bruce Polakow pulling the upset of the day in defeating Ray Vourtsos, 6-1, 7-6.

The second set was won by the better players around when he had his game but was Stanislav plagued by arbitrary play. Ray Vourtsos the strongest player and a real threat to watch but could not match the dogged steadfastness of Bruce Polakow.

The semifinals went according to form with Bruce Polakow winning his match beating Jerry Cepaitus 6-0, 6-0 and Bob Mahoney, 6-0, 6-2.

The final match, wave-like Bruce Polakow against Bob Mahoney. It began with Bob winning the first set but Bruce returned to the hard and held his serve to close out the set and match 6-2, 6-4.

The text staff extends their thanks to all those who contributed.

BASKETBALL LINEUP
President candidates for the varsity Basketball team have been announced: October 16. Among the freshmen who still on the varsity roster are Dick Abrew, George Buck, Jack Balzarini, Jim Chadwick, Chuck Chevrette, Mike Pizzino, Paulלוגis, Carter Leppa, Don Pincich, Darrell Russell and Ed Sullivan.

The returning veterans are Capt. Russ Ksbili, Leon Us- dav, Bob Johnstone, Bill James, Rich Conrad, Mike Posluszny, Jim Varian. Upperspider for the first time included: Gary Stack, Fred Hinner, Bill Beresford, and John Rab- el.

Dues of pressure of studies and other activities Ex. Capt. Cyril, Cliff Ehrlich, Pete Byza, and Robynite. White are not out for the season.

For the first time in three years, some men drop out weight and our small men are fairly tall. The team shall be thrown open spirit and business during practices. This should be a good thing to watch, however, an awful lot depends upon how well the Freshmen adjust.

When a man sits with a pretty girl for an hour it seems like a minute. But let him sit on a hot stove for a minute—and it's longer than any hour. That's relativism — Albert Einstein.
WARMING THE BENCH

DICK CRANDALL

The leaves are falling everywhere, each morning the temperature gets colder, each day grows shorter and the Brutes are after the first match set as follows:  

\[
\begin{array}{ccc}
\text{Phi} & \text{Phi Pi} & \text{Pi Lambda} \\
4 & 3 & 0 \\
\end{array}
\]

At the end of the 3 stings, Phi Pi bed picked up a total of 4 points. Phi Pi placed 3 points out of a possible 4, DK garnered 1 point while Phi Lambda was held scoreless. Points are given on the basis of a point for each string won and another point for a better team.

Intra-Mural Sports Bowling

The Intra-Mural Fraternal Bowling Leagues got under way last Monday night at the Bowl-A-Rama lanes in Chalfont. The action got under way around 9 o'clock and as it turned out it was a well-attended event. The pairings for the night were Phi Pi vs Phi Lambda and Phi Pi vs DK.  

As always, bowlers know the standings in bowling can change rapidly. One team on any given night can beat any other team. The only alternative to this problem is to form a very-in-which the pins are falling and a team is hot, then that team is formal club, one with no rules or laws or dues, etc., but one hard to beat. Therefore, although the teams are not close at the moment, we do hope that all bowlers come into their own, the league will tighten and competition will stiffen. An idea of how close to all those interested.

If you would be interested in playing hockey in a sink (MDC or private), composed of men from this school playing hockey for the love of the game, then send your name to the Student's Activity Board in Kitter Hall, five have already signed up. We are trying to obtain a large list of names interested in playing hockey so that we can hire a player for $12 or $25 an hour who should be able to get at least 15 to 20 men from the list who will have the time available to play. Transportation should be no problem—there are plenty of cars available. Of course you would have to bring your own equipment. So sign up Frost, Sophomores, Juniors, and Seniors, fraternal men and independents—do it now!!

O Phi Pi won the school touch football crown by defeating the Independents, 15-2, in a very spirited game. Once again the O Phi Pi offensive-defense combo of Dauskys and Byre proved to too much for the Independents. The O Phi Pi team outdistanced the Independents in everything especially in spirit and organization which was evident right from the start of the game. There was a lot of individual talent on "var-nell" on the Independent team.

The response to the school nickname has picked up somewhat. We received two replies after the last issue—after the first issue we received one. So progress is being made. Looks like Eames Hall has more spirit than Smith. See our article on the school nickname somewhere on this page.

To those who are not or can not play varsity or V. basket-

ball there is always the intra-mural league which starts just after Fraternity Games. The Independent teams form a special league.

OFF CAMPUS...Just a few local jottings—Go see the Boston Patriots play!! They are a hot team and are in first place in the American Football League. They are an exciting brand of football. There was an overflow crowd at the last game vs. Dallas which the Pats won 28-21. Looks like the pros are A-O-K. For Boston fans. So go to games and support them...For those horse lovers who didn't notice last Friday night, (Nov. 3), Irwin Paul, a four year old gelding paced the first sub-two minute mile in England's harness racing history. He was clocked in 1:58 3/5 and 2:00 2/5.

Picture of the Week: "The Mad Scientist at Work"

Answers to Sports Quiz

1. Eastern Conference: A 2. The major league is A 3. The four to five powerhouse teams are B 4. The first professional baseball team was C 5. The American Professional Baseball League was organized in D 6. The first professional baseball player to sign a contract was E 7. The first baseball player to hit a home run was F 8. The first baseball team to win the World Series was G 9. The first baseball player to hit 500 home runs was H 10. The first baseball player to hit 4,000 hits was I 11. The first baseball player to hit 70 home runs in a season was J

Intra-Mural Sports Swimming

The swimming team of LTTI is well on its way to becoming recognized athletic activity on campus. Under the leadership of Ivan Schwarzenberg, the team has received much interest among many LTTI students and a promising future predicted.

Early in the year, Ivan, together with a number of interested students set up an informal program for swimming enthusiasts. Since then, the swimming team has grown to a group consisting of more than thirty members. The team meets every Monday and Thursday from seven to eight p.m. at the YMCA. Under the guidance of a YMCA coach appointed by Prof. Yarish, the team is being coached on the following styles: free style, backstroke, and butterfly, and intermural competition is planned for the near future.

Although the team is still in a socialized trial period, if this is successful, and if the high amount of spirit is maintained, swimming is certainly destined to become a recognized varsity sport at LTTI. Those interested in becoming members of the new program and taking part in the activities are asked to contact Ivan Schwarzenberg, box 8276.

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Mandell Heads Program Delegation

Professor Stuart L. Mandell, head of the Industrial Management Department here at L.T.I., recently was the director of the Boston Convention in Distribution sponsored by the Boston College Graduate School Institute. Colleges participating were Boston College, Boston University, Harvard University, MIT, Boston University Graduate School, Massachusetts Institute of Technology, and Northeastern University.

This conference served as a forum of discussion. Speakers represented all of the parts of the United States. Topics discussed were 'Problems and Opportunities in Corporate Growth,' ''International Harvester,' 'The Future of Retailing,' 'Advertising Dilemma,' and 'The New Practice of Finance.'

Representing the student body of L.T.I., these students held at the Stilman Hilton Hotel in Boston, were Russell Knoble, James Almaine, Peter Miltenan, Edward McCormack, Raymond Bravman, Ralph Stevens, and George Dixon.

Saturday night was highlighted by a semi-formal dance in Cumminck's Hall. Friday evening, a motorcade originating at Omitcon Pi and proceeding to Phi Lambda Phi, Delta Kappa Phi, and ending up at Eames Hall lounge. Here, members of the four fraternities arrived in a different and distinctive mode of dress, convened for the en- tire year, and proceeded to the local high school, where a game competition where all places put on an excellent show following the festivities at Eames Hall, the fraternity members being the victors of these events and also meet the rounds of infelicitous parties.

AMAZING GROWTH OF L.T.I. RESEARCH FOUNDATION

A 75% increase in work of the Lowell Technological Institute Research Foundation over that of the preceding year was reported by Dorence H. Goodwin, executive director, to the Foundation's board of directors at the annual meeting on October 20. Amount of contracts received was approximately $400,000 for research dealing principally with physics and electronics, with a sizeable increase noted in the area of textiles.

Value of the Research Foundation to the Institute's instructional program was underprised by Dr. Martin J. Lydon, president of L.T.I., who termed the Foundation's achievements a milestone in the overall functioning of the 'old schoolhouse.'

He noted, 'Because we are today on the fringe of an enormous space discoveries which will be achieved only through research, we have made more than a double effort to attract fine research projects.'

A number of laboratories for infra-red and optics research and of inorganic research were opened at the Foundation. New work is being done in the area of electronic materials.

Instructor other side of the coin, the research program was growth from a consistent growth of the organization during nearly three years of existence. In the past year local facilities were expanded by 20%, the payroll for permanent personnel increased approximately 70%, and a 50% increase in research Foundation employees 40

L.T.I. Faculty members and 50 student associates were added to its full-time staff.

Major new textile contracts were the West Boren project concerned mainly with shrink-proofing and the U.S. Depart- ment of Agriculture's wool bleaching project.

Instructor in design in rockets and satellites was ac- complished on a larger scale than ever before with an even greater amount anticipated in

VALUABLE PAINTING PRESENTED TO L.T.I.

A valuable oil painting, be- longing to the Sabin Project and portraits of Holmack, Graebe and Lomnitz, founders of the dyestuff industry after Mr. Sabin's death, was presented at the annual meeting of the New England Area. L.T.I. Foundation by Dr. John H. Seaver, vice-president of the Lowell Technological Institute, was donated to the Foundation by a student on their behalf. The painting, which depicts several scenes from the life of the late Mr. Sabin, is a significant addition to the art collection of the Foundation.

A student of the class of 1970, the painting was acquired through the generosity of Mrs. Sabin and the assistance of the Foundation. The painting was donated to the Foundation by the late Mr. Sabin, who was a former student of the college.

The painting is a significant addition to the art collection of the Foundation, and it is expected to be displayed in the L.T.I. Gallery, which is currently under construction.