VOLUME 38  NUMBER 3
LOWELL TECHNOLOGICAL INSTITUTE, LOWELL, MASSACHUSETTS
OCTOBER 29, 1965

WELCOME ALUMNI

Tech The Old

President Martin J. Lydon Welcome Returning Alumni

I am pleased to have this opportunity to extend a personal invitation to each alumnus and his wife to return to LT1 for the annual Reunion weekend.

No event in our yearly calendar is of more importance to us than this alumni weekend, and we are proud and happy to receive each of you here on campus.

This year we have been given a special opportunity by your reunion committee to speak to you about the college—its people, its program, and its plans.

Some of these people, programs, and plans have a direct bearing on the alumni and their vitally important continuing role in the life of LT1, and I hope each of you will make a special effort this year to return to share this weekend and your ideas with us.

Mrs. Lydon and I look forward with special anticipation to entertaining you in our home and extend to you a warm invitation to join us for tea at the close of the weekend.

Sincerely,

MARTIN J. LYDON
President

And The New

Important Face On Campus

President Lydon Welcomes Alumni

The Institute's new Coordinator of Special Services, assuming responsibility of the Alumni Association in coordination with President J. Farrington.

A graduate of Phillips Academy at Andover and Williams College, he has worked with and to apparent maximum effort in a first year political Albany to the head of the class in Lowell's recent school committee election.

In his undergraduate years he was occupied with such affiliations as book club, president of the Newman Club and Williams Christian Association, and membership in its senior honor society, Kappa Alpha.

During graduate studies at St. Paul's College of the Catholic University of America, he earned "Graduate, national vocation magazine of the Catholic Church in America".

He has served as dean of faculty of an alma mater, Phillips, Mr. Farrington worked as alumni secretary, director of alumni and present fund drives and public relations, and in association development. Editing of the alumni "Dietetics", he held the post of executive secretary of the Alumni Council and Coordination of Special Events and Services.

In his final year of affiliation with the academy he headed the joint study committee on secondary schools of the American Alumni Council and National Council of Independent Schools and the Council for Independent School Affiliation, in which organization he still holds membership, as well as the Independent Secondary Education Board.

In 1961 he became consultant on college recruiting for the Faculty Corps, one of the first to supervise his founding president's call.

Additionally, he has served as consultant on educational centers including Williams, the Boston-Bouve School, the Boston School of Practical Arts and a number of independent secondary schools. At these institutions he was particularly concerned with development, public relations and related publications, fund raising and administrative affairs.

Since returning to Lowell, the new coordinator has been occupied as well with duties involved in directing the immediate operation of the campus and promoting the alumni of interest in planning their higher education.

Mr. Farrington's first major opportunity to express his plans for future exploration of the somewhat latent graduate group will come at the forthcoming reunion weekend. At this time he sets the pace to outline specific avenues of interest to the college development, public relations and related publications, fund raising and administrative affairs, generally.

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Circle K to Sponsor United Fund Drive

by Robert Kelly

The Circle K Club will sponsor its annual United Fund Drive sale from 10 a.m. to 4 p.m. on April 18 at the college.

As in the past, the drive will feature raffle tickets available for a 25-cent entry. The Circle K members have been busy getting out the word of the sale, and they will be posting signs in the campus buildings and in the streets. They will also be handing out tracts and flyers to anyone who will listen.

One of the main attractions of the sale will be the Circle K members themselves, who will be on hand to answer any questions and to sell the raffle tickets. They will also be happy to talk about the United Fund Drive and its importance to the college.

The sale is an important way for the Circle K Club to raise money for the United Fund Drive, and it is an opportunity for everyone to get involved and support a good cause.

The sale will be held in the college's main campus, and it will be open to the public. The Circle K Club members will be there to answer any questions and to sell the raffle tickets. They will also be happy to talk about the United Fund Drive and its importance to the college.

As always, the Circle K Club is grateful for the support of the college community, and we hope to see you there on April 18.
FRATERNITY NEWS

Pi Lambda Phi

Weekly here, Pi Lambda Theta. This has been a week the past weeks with many exciting and happy moments.

For the first time, we have a new officer in the chapter. Mr. Bill Jones, a senior, has been elected as the new member of the chapter. He has been very helpful in organizing the activities of the chapter.

The chapter is now looking forward to the upcoming events.

The chapter is also planning to host a formal dance in the coming weeks. All members are encouraged to attend and bring a guest. The dance will be held in the chapter's meeting room.

In other news, the chapter has decided to start a scholarship fund for members who wish to pursue higher education. The fund will be managed by the chapter's officers and will be open to all members.

We would like to thank all our members for their continued support and dedication. The chapter is strong and we are looking forward to many more exciting times together.

Della Kappa Phi

Now that the football season is drawing to a close, we would like to congratulate all the other teams for their good sportsmanship, and to wish them good luck in their future endeavors.

The chapter is also proud to announce that our newest member, John Smith, has been elected as the new president of the chapter.

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From the desk of the Editor: The Text staff, as representatives of the student body, are honored to be able to dedicate this issue of our paper to Professor A. Edwin Wells. In the past, Professor Wells has worked unstintingly for others. He has had an extremely useful and productive life and we are proud to have a man such as he as a student alumnus and Professor at L.T.T. We wish him health and happiness in the future and we hope to see him back at Tech in the years to come.

A. Edwin Wells was born August 9, 1929, at Gomlouville, in the Province of Quebec, the son of American parents, Edwin Carlos Wells and Alice Carie Ladd. Returning to Massachusetts at a very early age, he was educated in the primary, grammar and high schools of Chelmsford and Lowell, and at the Massachusetts Riddle School, in Boston, following which he received a first class radio operator's license under the Marconi system in 1912. Thereafter, he served on cargo and passenger ships in the coastwise and transatlantic service for several years. Determined upon a career in engineering, he enrolled at Lowell Textile School and was graduated in 1929 with the degree of Bachelor of Textile Engineering. During his undergraduate course, he enlisted in the Army Engineers Reserve Corps and was transferred to the S.A.T., at the school in the fall of 1918.

Upon graduation, he was hired as an instructor in the engineering department, teaching mechanics, physics, heat, electricity and thermodynamics. Later, he took courses, and received credits, at Massachusetts Institute of Technology.

On June 27, 1929, Edwin Wells married Elsie M. Woodland, a Melrose school teacher, who had graduated Phi Beta Kappa with an A.B. degree in liberal arts from Boston University. They have lived since in Melrose, and have one son, Theodore, of Milton Academy, and a daughter, Mrs. Donald Jackman, of Attleboro.

On September 1, 1929, he was appointed assistant professor in the Engineering department. In 1936, he was elected assistant secretary of the Alumni Association, and in 1940, following the death of Professor A. A. Stewart, was chosen secretary-treasurer of the Lowell Textile Institute Alumni Association, a position he held until his retirement. He was very active in the drive for funds for the new Alumni Memorial Library, and when the money was available, in the design and construction of the library. At about this time, he was a degree Master of Education at Boston University.

On September 1, 1948, Mr. Wells was appointed assistant professor in the Engineering department, and one year later, a full professor, the first staff member not a department head, to be so honored.

On May 23 of this year, the New York chapter of the alumni group, in anticipation of Professor Wells's retirement, held a recognition dinner in New York's Lancaster Hotel, at which he, with Mrs. Wells, was presented with a suitably inscribed Paul Revere silver sword, and a citation for "long and meritorious services, in appreciation of his contributions to the L.T.T. Alumni Association". On June 23, members of the faculty held an informal dinner party for the retiring staff members. Professor Wells, with forty-seven years of service, was the senior member of the group, and when he had concluded his post-prandial talk of early days at the Institute, was presented an Alumnae chair by his captivated listeners.

During his years in Melrose, Mr. Wells became actively associated with the Green Street Baptist church in that community, serving as moderator of the church, chairman of the board of trustees, member of the religious education committee and superintendent of the junior high department for twenty-five years.

Many years ago, he began to spend his summer months at Ocean Park, Maine, and within a short time, he was serving on many committees and in many offices of the prominent Baptist organizations in that area. He is now the treasurer of the New England Baptist Conference and of the Royal Ambassador Boys' Camp, and is official planner and caretaker of the nature trails of the nationally known Wild Life Reservation at the Pine Tree State Resort.

All during his long engineering and teaching career at Lowell Tech, in his church work at Melrose, and with the Baptist organizations at Ocean Park, Professor Wells gathered an immense amount of interesting material, and countless pictures and slides, with which he and Mrs. Wells developed and presented lectures of first-rate caliber under a variety of titles. It is expected that much wider activity in these fields will result as more time becomes available to the beloved dean of instructors in years of sun that is young twice surely.
He's finding it at Western Electric

When the University of Tennessee's 1946 basketball team, coached by John Lewis, won its fourth straight Southern Intercollegiate Conference championship, the sports writers of the region left behind headlines like: "Kerrigan/Prude Win Again." But, for everyone who didn't go to the game, there was a story. A story about a young man who, by his own admission, was the first to do what he was doing. It all happened in the spring of 1946.

John L. T. was a young man of 25. He was a student, and he was an engineer. He was also a basketball player, and he was researching the possibilities of using the principles of physics to improve the performance of basketball players.

He believed that by understanding the mechanics of the human body and the forces that act upon it, he could improve the game of basketball. He spent countless hours in the lab, analyzing the data and developing new techniques.

It was a long and difficult process, but John L. T. never gave up. And in the end, he proved that his theories worked. The team that he coached went on to win the Southern Intercollegiate Conference championship.

John L. T. was a true innovator. A man who was able to combine his love of basketball with his passion for science to create something truly amazing. And he did it all without any formal training in the field.

The story of John L. T. is just one example of the kind of creativity and innovation that can come from a combination of passion and hard work.

All About All-City

A sports car rally is not a race, but a cross-country navigation problem in which you must follow route directions and perform at specified average speeds, which are always well below legal limits.

The basic principle is simple enough. If your destination on a normal highway trip is a city 30 miles away, you can reach it in one hour at an average speed of 30 m.p.h. If you check the time and distance at the halfway point and find that you have covered 15 miles in 30 minutes, you know that you are running on time.

Basic equipment would consist of a speedometer (most sports cars come equipped with this), a stopwatch, a calculator, and a simple calculation like the Stevens for quick solution of time and distance problems. There are also calculators available which show the calculations for average speeds of 0.1 mile increments. You need a clip-board and pencil for exact calculation notes.

Some novices start to rally without a calculator. They use the rules of thumb (which are correct enough to keep the calculations simple), and they tend to average 10 miles per hour in the time required to cover the distance. For example, the speed in 10 m.p.h. is six miles per hour, and so on. This gives an average speed of 0.5 miles per hour (less than the average speed you should reach 10 miles per hour when you keep the speed at 25 m.p.h. over 10 miles per hour."

Each rally car has a driver and a navigator. The navigator reads the road books and keeps track of the competition. They also have to solve the problem of finding the next checkpoint on time.

Cars start the rally at one minute intervals. Each rally begins with a 10-mile odometer check to ensure that each car is on the correct course. The first car to reach the finish line wins the rally.

The rally ends when all vehicles have completed the course. The winner is the car that crosses the finish line first.

All-Rally Results

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<td>1 hour</td>
<td>50</td>
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<td>Milwaukee</td>
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NEXT RALLY NOVEMBER 1

Watch for Details

FLOWERS by VOYER

733 MERRIMACK STREET
For Any Occasion - Wire Service
GL 3-2150

Crew Takes Second In Charles Regatta

by Harry Goldstein and Hal Dickinson

On October 11, the U.S. Navy Yacht Club finally gained its first important recognition. The LTI, skippered by the owner of the yacht, was invited to compete in the annual Regatta of the Charles River Boat Club. The race began at 2:30 p.m. The crew consisted of three naval officers and two civilians.

The LTI, a 36-foot yacht, was skippered by Commander John H. Smith. The crew consisted of Lieutenant Commander John T. Johnson, Lieutenant Commander Robert D. Anderson, and Cadet Roger W. Brown. They were assisted by the yacht's first mate, Lieutenant Commander John H. Brown.

The race consisted of a 20-mile course down the Charles River. The LTI was the first to cross the finish line, and was followed by the Charles River Yacht Club's yacht, the "Indian II." The crew of the LTI received a cheque for $100.

John Lauritzen wanted further knowledge

Western Electric Manufacturing and Supply Unit of the Bell System

The Western Electric Manufacturing and Supply Unit of the Bell System is responsible for the design, manufacture, and supply of electrical and electronic equipment used in the operation of the Bell System. The unit is located in Holmdel, New Jersey, and employs over 3,000 people.

The unit produces a wide range of products, including telephone equipment, switches, and transmission equipment. The products are used by all the Bell System companies, as well as by other telecommunications companies throughout the world.

Western Electric is known for its innovation and commitment to quality. The unit has won numerous awards for its products, and is a leader in the field of telecommunications technology.

The unit is part of the larger Bell System, which is a group of telecommunications companies that provide services in the United States and around the world. The Bell System was founded in 1877 and is one of the oldest companies in the world.

The Western Electric Manufacturing and Supply Unit is an important part of the Bell System, and plays a critical role in the provision of telecommunications services to millions of people around the world.
Although the swimming season is at its close, the L.T.I. Sculling Club is still participating in what most people consider its final regatta. At a recent week-end regatta on November 21, 1955 Richard Comin, president, gave a talk on the various types of cold water protection. He pointed out the limitations used not only by skin and microwets but also becoming quite popular with the out of season boater. These suits are made up of three basic reasons. The first and most familiar use is to prevent excessive loss of body heat and to keep the body warm in cold water. The second is to provide some buoyancy in the water and a change to buoyancy once in the water. The third is the dry suit is readily doing its job.

The wet suit on the other hand was designed to provide skin protection and makes an excellent insulator. It consists of a tight fit. The suit and does not let in air, so if the water is cold, the suit will be wet. If the water is warm, it will allow the water to fill the suit and the suit will become quite uncomfortable and absorption and must be removed. The wet suit is that it always absorbs some water. The dry suit is made to help keep the water warm all day. Another very important difference is the thin layer of air which is kept into the body is not evacuable, so if the water is not full of gas, the water will flow out of the suit. The suit is made to be waterproof and be able to get all the way through the suit and become quite uncomfortable.

In a cool, serene and well lighted bay you will find that the suit and will be seen on the surface of the water. The suit will be worn by all., at the Conference on some basic equipment, and will be an excellent place to keep the suit. The suit will be with the suit and will be made of all of the suit. The suit will be made of all of the suit.

Mr. Robert, a past Chamber of Commerce executive, has his career in Texas and was an assistant to a state organization with over 500,000 members. He has been a member of the National Association of Manufacturers and was appointed Assistant Secretary of Agriculture and was the head of the newly formed reorganization. He is responsible for various growth activities and a new sales promotion and communication organization.

Richard D. Howarth, general counsel and vice president, stated the conference is designed to bring together the best and brightest leaders in the field of communications and to meet the many challenges of the future.

There's certainly no doubt that some one loved you!
Guest Speaker

Dr. William A. Lynch
To Talk To
Newman Club

Dr. William A. Lynch, M.D., of the St Vincent's Hospital Board, will be among the speakers presented at the Newman Club meeting to be held Sunday, November 9, at 10:00 P.M. in St. Rita's Church Hall, 158 Mass- 


will present speakers on varied social topics. Dr. Lynch, a member of the Society for 

Scientific Study of Sex, the National Commission on Rhythm, 
and the winner of the 1957 Lin- 

gare Award for Study on 

Therapeutic Abortion, will dis- 

cuss Marianne and Birth Con- 

tral. Dr. Lowell's talk will be 

one of three to be held at the 

third panel to be offered at 

4:15. Speakers for the first two 

panels to be held include John 

Mahoney, Director of the War 

in Poverty in the Lowell area, 

Archbishop Dolannro, Negro re- 

presentative of the Catholic Pe- 

ter-Racial Council; Fr. Paul Be- 

nue of Villanova Church, 

Tewksbury, and Prof. M. Bren- 

don, Fiction of P.L.I. and 

Chairman of the Lowell Re- 

dactional Authority.

The program begins at 1:00 P.M. with the first panel start- 

ning at 1:15. Topics offered at 

this panel include: Po- 

erly, Civil Rights, and Urban Racialism. A second panel be- 

gins at 2:25 with repeats of the 

first three topics plus Eco- 

nomics. The third panel begins at 

4:15 Marriage and Birth Con- 

tral, and Ecumenicalism as the 

topics. The panel is arrange- 

ed so that students may attend 

at least 3 of the talks or their 

choice of any 3 offered. At 6:00, a Health Fair will be 

held in St. Rita's Church 

followed by a Ham and Bean 

Supper in the hall. Tickets for 

the supper are available at 

90c, and those attending 

the supper may do so without 

attending the supper.

Past

Present

and the Future

Take a look at the above chart; then a good long look at Pratt & Whitney Aircraft—where technical careers offer exciting growth, continuing challenge, and lasting stability—where engineers and scientists are recog- 

nized as the major reason for the Company's con- 

tinued success.

Engineers and scientists at Pratt & Whitney Aircraft are today exploring the ever-broadening avenues of energy conversion for every environment—growing up new avenues of exploration in every field of aero-

space, marine and industrial power application. The technical staff working on these programs, backed by Management's determination to position the best and most advanced facilities and scientific apparatus, has already given the Company a firm foothold in the cur- 

rent land, sea, air and space programs so vital to our country's future. The list of achievements amassed by our technical staff is a veritable list of firsts in the development of compact power plants, dating back to the first Wasp engine which fitted the United States to a position of world leadership in anion. These engineering and scientific achievements have enabled the Company to obtain its current position of leader-

ship in fields such as gas turbines, liquid hydrogen technology and fuel cells.

Should you join us, you'll be assigned early responsi- 

bilities. You'll find the spread of Pratt & Whitney Aircraft's programs requires virtually every technical talent. You'll find opportunities for professional growth further en- 

hanced by our Corporation-financed Graduate Educa- 

tion Program. Your degree can be a BS, MS or PhD in: MECHANICAL AND AERONAUTICAL AND ELECTRICAL AND CHEMICAL ENGINEERING PHYSICS CHEMISTRY METALLURGY CERAMICS MATHEMATICS AND ENGINEERING SCIENCE AND APPLIED MECHANICS.

For further information concerning a career with Pratt & Whitney Aircraft, consult your college placement officer—or write Mr. William L. Stoner, Engineering Department, Pratt & Whitney Aircraft, East Hartford, Connecticut 06108.

In recent years, planes powered by Pratt & Whitney Aircraft have gone on to set new standards of performance in the same way the Wasp had done in the 1930's. The J37 and GG-9 are derivatives of the new family of short-medium range jetliners which are powered by the highly successful JT8D turbine. Examples of current military applications are the J58-powered B-747 variable- 

geometry fighter aircraft.
The two games were as close as one could have possibly looked. The teams were evenly matched, with both having strong defensive and offensive capabilities.

In the first game, Tech proved to be stronger in the second half, scoring two goals and virtually sealing the victory. The second game was a tough battle, with both teams拼尽全力. Both teams were strong offensively, but Tech's defense held strong, allowing only one goal.

The final score of the season was 4-1 in favor of Tech, cementing their position as the dominant team in the conference. The season also saw a number of impressive performances, with several players earning recognition for their skills and contributions to the team.

Overall, it was a successful season for Tech, with a number of key victories and strong performances by the team. The season ended on a high note, with the team confident and ready to take on the challenges of the future.