WELCOME ALUMNI

LET US GIVE WELCOME TO THOSE WHO HAVE GIVEN THEIR ALL FOR LIT ON SATURDAY, MAY 16, 1964.

PROGRAM

8:30-9:45 a.m. Registration and Coffee Hour—Canuck Hall.

9:45-10:15 a.m. Prize-Winning ROTC Drill Team—Library Lot.

10:30 a.m. Laidley Program and Coffee Hour—Library.


12:30 p.m. Luncheon—NB 214.

1:30 p.m. Open House—See It All.

3:30 p.m. Groundbreaking—Physical Education Building—Governor Endicott Peabody, In Vito Caesar.


5:30 p.m. Social Hour—Merrimack Valley Country Club—Merrimack LIT Fraternity—Chapel Groups. Dancing until midnight.

IN MEMORIAM...

Professor Emeritus Herbert J. Hall, associated for 37 years with Lowell Technological Institute where he pioneered the textile engineering program of international reputation, died September 28th at the Lowell General Hospital.

Retired in 1955 as chairman of the division of engineering, Professor Hall maintained his affiliation with the Institute's educational program through his interest in the Engineering of the Textile Alumnae. From 1915 to the time of his retirement he served as head of the department of textile engineering.

Lowell Tech honored him in 1965 with an honorary doctor of science degree. He also was a Fellow of the Textile Institute (British), a Fellow of the American Society for Quality Control, and a past president of the American Society for Testing Materials in which he was a director. A member of the executive committee, chairman of the Textile Committee D-13, and chairman of the administrative committee for outside products in 1963 he received a scroll from the A.S.T.M. in recognition of his 30 years service as chairman. Committee D-13 on Textile Materials, and in 1963 he received the fourth Harold Dewitt Smith memorial medal given by Committee D-13 for his outstanding achievement in the field of textile engineering. He was an honorary member of the LIT Alumni Association and a member of the Textile Research Institute, the American Society for Engineering Education, and the American Society of Mechanical Engineers. In 1965 he received a scroll from the LIT student branch of the A.S.T.M. in recognition of his significant contributions to textile engineering education.

Recognized as the creator of the concept of textile engineering, he authored many technical and professional articles. He was graduated in 1916 from MIT with the B.S. degree and received the B.S.T.E. degree in 1919 from Northeastern University. He is survived by his wife, at 30 Phebeau Avenue, Lowell, two daughters, two grandsons, and a great-grandson.

ADVISORY MEMBERS 1963-1964

Dr. Martin J. Lydon Monticello

President, LIT

Dr. Howard E. Harris V3

207 Hollister St., Manchester, Conn.

President, Rotarian, Manchester, Conn.

Herschel B. Talmage B3

American Textile Chemical Co., 30 Milk St., Revere, Mass.

President, American Textile Chemical Co., Revere, Mass.

Wilford J. Godwin V3

13 Bridge St., Chelmsford, Mass.

Vice-President, Alumni Chapter, Lowell, Mass.

John J. McDonald B2

26 Union Ave., Amsterdam, N.Y.

Vice-President, Alumni Chapter, Amsterdam, N.Y.

R. L. Smith B2

31 Bridge St., Chelmsford, Mass.

Chairman, Alumni Chapter, Lowell, Mass.

LIT ALUMNI BOARD OF DIRECTORS 1963-1964

Term

Name, Residence, Business

1963

Joseph E. Weldon '56, President

149 South St., New York, N.Y.

American Textile Chemical Co., New York, N.Y.

E. James Stetson '59, Vice-President

101 Ansonia Ave., New Haven, Conn.

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Edward J. Dooney, Jr., Treasurer

21 Island Pl., Mamaroneck, N.Y.

LIT ALUMNI ASSOCIATION
YOUR STUDENT COUNCIL: STINKETH NOT

As Editor

Would you like a job representing the student body of this school on the student council?

To campaign and be elected takes considerable expenditure of time and effort, but once you are on the council, you can expect to make an earnest drive to better themselves and their school by active participation.

But, that's not why I wouldn't take a job on the council.

Appropriate changes in the student government organization and plans for the future are being discussed. The Student Council, which includes representatives from all the major groups such as music, theater, dance, and drama as well as the student body at large, is working together to design a more effective system. It will be an honor to be involved in such an article to offer you.

Letters to the Editor

To do Editha:

Sir,

I believe that I have never seen such an exaggerated article in all my life. As the President of the Student Council at Lowell, I am able to fill an article with the facts and figures that support my views, and you will see that I am right. Now, even statistics are not out of the question. On a recent trip to Lowell, I was told by the day at Lowell Tech. I have faith in the common sense and the ability of my fellow Tech students and I know that they will continue to make themselves pleasant looking and properly dressed.

Sincerely,

S. Chief

Editor's reply: Dear Ima, There is a new organization being formed at Lowell High School called the League of Dragons. I hope you and your symphony take it over. (W.B. & R.B. the sewage treatment plant, etc.)

Fellow Students:

I am grateful to all of you who helped me to achieve the office of President of the Student Council. For the turnout for the elections was low and the results were not as hoped for.

All campus organizations and their coordinations will be reorganized for the next school year. This year has been marked by low student participation and a lack of communication between departments. The council has decided to take action in the future to improve these deficiencies.

The next council meeting will be held on [date], in the [location]. All students are encouraged to attend and participate.

We appreciate your support and look forward to working with you in the future.

Sincerely,

[Your Name]

[Your Position]
From our earliest days in school to the present, both our formal and our informal training has taught us to belittle and reject people who we perceive as different from us. This has led to a situation where there is a lack of understanding and empathy between people from different backgrounds. We need to work towards promoting unity and peace among people, and to do so, we need to recognize and appreciate the diversity of our world. In doing so, we can bridge the gaps between cultures and promote mutual respect and understanding. The world is filled with possibilities, and by coming together, we can achieve great things. Let us make a commitment to work towards peace and understanding, and to build a better world for all.
DR. HALEY TO LEAVE L.T.I.

Dr. Arthur F. Haley, Lowell Tech's director of admissions for over ten years, is retiring from our campus and is stepping into a newly created position by the Commonwealth of Massachusetts.

Dr. Haley leaves Tech to become the director of a new Massachusetts College ready to accept its first applicants in 1964. The college, as yet unnamed, is to be a two-year school, giving graduates an associate degree in either arts or sciences.

According to Dr. Haley, the new college will be located on an old two-acre site off the main path of the present buildings capable of being used as a site for a new $250,000 campus to be completed with the funds.

The new college is to be a State supported institution and opinions are that it will be ready to operate in 1964.

Dr. Haley is well qualified for this new position. He received his B.A., M.A. by 1937 at Boston College, then went to Tech as Assistant Librarian. He was well known to the faculty when he was announced as our new director.

He has been an assistant professor at Brandeis University, a lecturer at Tufts University, and an instructor at Boston College in continuation evening classes at Boston College, which he achieved in 1960.

He is a member of the administration, and chair, he was the man who retired after thirty-one years of able service to the Tech community. This is not the first time he has demonstrated his willingness to accept new responsibilities.

He is a past President of the Lowell Technology Association and at one time past officer of various community organizations.

This is the time at Tech, he has served as an assistant professor at the school, and participated in the administration of the Division of Evening Studies.

Dr. Haley serves to assume his new position before 1964. The Board of Trustees was the entity body by wishing him luck in his venture.

To those who have helped manage our Tech, we wish your students as we have complimented you on your two decades at Lowell Tech.

NEW FACULTY ADDITIONS AND PROMOTIONS

Fourteen new appointments and 21 promotions within the faculty at Lowell Technological Institute were announced this month by Dr. Martin J. Lydon, president.

One of the new appointments is an appointment to the Department of chemical engineering and paper engineering with the rank of professor is Howard H. Reynolds (A.B., Harvard; S.C.P., MIT), who comes to Lowell from Lundberg, New York, to head the department.

Other new appointments and management changes include:

- Assistant Prof. James C. Bissell (B.S., Tufts M.B.A., Harvard), management consultant, who lives at 20 Bendon Road, Stoneham; and assistant professor, Dean of A.B. (A.B., B.S. in business), (B.S., B.S. in business), (B.S., B.S. in business), (B.S., B.S. in business)

- Assistant professor of English, Department of English, John E. Orsborn (B.A., B.S. in business), (B.S., B.S. in business), (B.S., B.S. in business)

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- Assistant professor of English, Department of English, John E. Orsbor...
I.F.G. WEEKEND SMASH!

The first of Tech's three big social weekends was held this past weekend. The Inter-Fraternity Council, under the presidency of Bob Twigg put on a very impressive show which was attended by virtually all of Tech's fraternity men and their dates.

On Friday night the annual choral concert singing amongst the finest voices ever heard in Cumnock was held. Dresssed in the appropriate costumes for their party themes were Phi Pi men in togas and sandals for a "Bacchus Over" party, Omicron Pi men in hoop skirts for a "O'Prien the Long Party", Phi Lambda Phi men in blue suits for a "Hamlet" party, and Delta Kappa Phi men in Max's suits for a "Costa Nuora" party. For this year'satta party and Delta Kappa Phi men in Max's suits for a "Costa Nuora" party. For this year's. The Chicago Symphony Orchestra directed by Eugene Horner, and Helkkenbach's played the chooral singing. Open house at Phi Pi and Phi Lambda followed. Phi Pi had a very lively band which was overshadowed by Lovell's famous Sarah Warren. Phi Lambda featured the "Rhythm Lads".

Many of the weekenders traveled in Waldham to see the Soccer Team play Brandeis on Saturday afternoon but were disappointed to see the Trojans team edged out in overtime Saturday night. Cumnock Hall was again the center of activity when there was a combustion dance and bonamane. Dance music was provided by Al Revere while the folks songs were sung by Ray Pong and Lisa Kendall. Ray Pong sang in many spots in Chicago before recently coming to the Boston area where he has appeared at, among other places, the Unicorn, Lisa Kendall, with her twelve string guitar, also has made the Boston rounds and this week it booked at the Club 47.

The next day Twigg made the annual I.F.G. trophy presentations during the Saturday night dinner. Omicron Pi was the recipient for basketball, bowling, softball, and scholastic excellence, while Delta Kappa Phi had the floor for football, volleyball, blood donations and chooral singing.

After the program in Cumnock it was back to the house for parties. D.K. and Phi Pi were the first on the scene but Phi Pi had a legend called "The Seven Sons of Harvard", while at D.K. the "Bargeman" party was playing far into the night. Phi Lambda held their own dance-bonamane, featuring "Three and Three" and Frank Fostman's Orchestra.

Next on the social calendar will be the R.O.T.C. Military Ball, coming soon, and in the secondsometer, the biggest of them all - All Tech Weekend.

HOWARD JOHNSON

Motel

Route 110
CHELMSFORD

"THE IDEAL PLACE
FOR YOUR GIRL ON THE WEEKEND.

WINTER SOCIAL HIGHLIGHTS

MILITARY BALL BREATHTAKING

The winter highlight of the school season was held Friday and Saturday nights amidst the beautifully warm decorations in Cumnock Hall as the Arnold Air Society presented its thirteenth Annual Military Ball Weekend.

Crops paper flowed over walls and ceilings, dispersed in a military red, white and blue, while colored spotlight shone on a diamong-like sphere rotating far above the hundreds who crowded the cold night to be part of this annual gala spectaculare.

The music of Bob Bachelder beautifully set the romantic mood for the evening's dances, and Edith Hall gave their last formal measure of devotion capturing the student's array of colorful gowns as couples danced around the floor.

Highlight of the evening was the crowning of the queen. Vivian Jodetsch, escorted handsomely by freshman Robert Howenthal, a brilliant crown, a queen American beaurities and a kiss from her presed escort drew sighs from hundreds throughout slightly less beautiful spectators, who witnessed the event in close order intervals. Not moving from the final resting place of the grand staircase, the couple saw twenty-three cadets raise their reception into the Arnold Air Society with Colonel Eugene T. Holle angrily saluting each cadet as he presented him with his shoulder covers.

Friday evening's entertainment featured two outstanding groups, the "The Satellites and Herb Pomroy". The following nights of the Tri-jocks rocked the throned hall. The jazz orkestra of Mr. Pomroy was great; however, jazz is usually better when mixed with alcohol. A great evening of entertainment worthy of the sponsors was this years event. Those who didn't missed a really fine line-up of entertainment.

The Chad Mitchell Trio in Action . .

ALL TECH COMMENTS

This year's all Tech Weekend proved itself to be the most enjoyable weekend Lowell Tech has ever seen. Besides a good share of great entertainment, the weekend suffered mildly from some bad luck. The first impression was that a faulty job in planning was the reason for the belated performance and a switch in bands. However, looking into just what did go wrong, will show how wrong the first impression was.

The band contracted for Friday night just never showed. Instead their agent sent a substitute band and never notified the band chairman of this change. When the band was more than an hour late it was decided another band would have to be brought in to save the night. The band so fortunately obtained was not of the "tip-top" twinkle-bob type but it did a wonderful job on just ten minutes' notice. When the substitute band arrived two hours late they had to be refused. One reason was there was no contract this band and we had just made a contract with the one that actually did play that night.

Well, once the confusing situation was straightened out the night proceeded as planned. The fraternities that were open came through with great parties and the night ended a success.

Saturday's events went perfectly. The snow sculptured, the basketball games, and the semifinal all went as schedule. Congratulations to D.K. on their trophy winning sculpture and to Leon Udalovin on his being chosen as All Tech Queen. After the dance the friaterities again came through with really great parties. Sunday afternoon found an authentic crowd awaiting the Chad Mitchell Trio Concert. The Trio arrived in Boston at 1:30 late due to plane difficulties and then proceeded to Lowell.

Asking directions, they found themselves lost in Sunday traffic, Asking again they were directed to Lowell Textile School which is close enough. They arrived at three o'clock and promptly proceeded to near the instruments and dress for the performance. Once the show began their tremendous talent completely overshadowed the late arrival. It was the most talented, entertaining, and spinned group ever to perform here. Most everyone thoroughly enjoyed themselves and felt with a feeling of satisfaction. A few of the student council members left it with tranquilizers hangovers, and with a sense of accomplishment. One thing that should be made clear is that Friday night's mishap was in no way the result of insufficient or faulty planning on the part of the council. They covered every detail and did all that was in their power to make things perfect. An extra course, extra choir and other improvements were all put on an intense effort to give the school a weekend to remember. While the Student Council recognizes that the participation of the students made the weekend a success, the students should realize that the Council made the weekend possible.
....IN MEMORY OF PROFESSOR HERBERT J. BALL....

By: E. A. WELLS

During the same century are passed the 70th birthday of a distinguished man whose research and teaching contributed so much to the Textile Institute in the early days of its history and who was responsible for so much in the development of Textile Engineering in recent years. He was Professor J. Ball, a member of the Textile Research Department in our College and a member of the Textile Textile Review Section of the Textile Institute of America. His contributions to the Textile Industry have been many and varied, and he has always been recognized for his work in Textile Research and Textile Education.

Professor J. Ball was born on January 16, 1872, in the town of Manchester, England, where he spent his early years and received his education. He was the son of a textiles manufacturer and grew up in a family of textile workers. He attended the Manchester College of Technology and was awarded a Bachelor of Science degree in Textile Engineering in 1894. After graduation, he worked for a few years in the textile industry before joining the staff of the Textile Research Department at the Manchester College of Technology in 1896.

In 1901, Professor J. Ball was appointed to the Chair of Textile Engineering at the Manchester College of Technology, where he remained until his retirement in 1937. He was one of the founding members of the Textile Institute of America and served as its Secretary from 1913 to 1920. He was also a member of the American Society of Textile Engineers and the American Institute of Chemical Engineers.

Professor J. Ball is remembered for his contributions to the field of Textile Research and his work in developing new techniques and methods of textile testing. He was a pioneer in the development of the Textile Research Council, which was established in 1907 to bring together the textile industry and academia to solve common problems and improve the quality of textile products.

Professor J. Ball was a dedicated teacher and mentor to many students during his career. He was known for his patience and his ability to explain complex concepts in a way that was easy to understand. He was also a skilled communicator and was able to convey his ideas clearly and effectively.

Professor J. Ball was a man of few words, but his influence was felt far and wide. He was respected and admired by his colleagues and by the students he taught. He was a true gentleman and a true scholar, and he will be deeply missed by all who knew him.

H. J. Ball Engineering Center
Ski Team Finishes Sixth in Conference

Lowell Tech wound up its 5-Month, 1945-46 racing season at Picnic Mountain in March. March 16th. This race marked the climax to LIT's first seasons participation in competition New England Intercollegiate Ski Conference.

The ski team's outstanding performance at the ski meet was the highlight of the season, as the team won the championship and set a record for the number of points scored.

AACC Names Coach Yarnell to Rules Committee

Athletic Director, Waldo W. "Rusty" Yarnell, who has long served as baseball coach, has been named an Associate member of the N.C.A.A. Playing Rules Committee. The A.C.C.C. and the N.C.A.A. held their meetings simultaneously in the same city, which was New York, and in this manner the N.C.A.A. can make future recommendations on A.C.C.C. recommendations almost immediately.

The appointment was both surprising and gratifying to Coach Yarnell. He feels that at least fifty or seventy-five other colleges could have benefited from this appointment. He also feels that the appointment is a feather in Lowell Tech's cap and could serve as a big boost to Tech's sports programs.

As a member of the Rules Committee, Rusty intends to further the trend of trying to spend up college baseball games in the following manner:

1. With two outs, substitute a courtesy runner for any pitcher or catcher on base, so that they may return to the bench and be ready to take their positions on the field after the third out is made.
2. Eliminate the throw of the ball around the infield after each putout and return the ball immediately to the pitcher.
3. All batters, including the pitcher, must be in the on-deck circle while waiting their turn at bat.
4. Limit the pitcher to only five warm-up tosses at the start of the game.

Some of these suggestions have been tried out by Coach Yarnell and are ones where it is clear to see how the change would benefit the team and have for the most part kept the games to less than two hours.

TENNIS NOTES

By John McGuigan

The LIT tennis team opened its season with a 2-2 split in the first four games.

Two victories were to the credit of Coach Cipolla and his doubles team of Cober, Dave Bish and Al Bilinger. And for the B team Paul DeMont and the team of Dave Broderick and Ken Burtt won.

Leitnermen for this year's varsity team includes: Jack Dorsey, Bob Ivins, Ken Morley, Al Bilinger and Dave Broderick.

Perhaps the biggest hole to meet this year will be Coach McEl- liss. First since injuries, contract, and local work have provided the three who have brought the team to realize a season thus far winning season.

TENNESSE NOTES

By John McGuigan

The Tech tennis team is experiencing one of its roughest starts in many years. With seven games now history and in the books, the team has gained only two victories. The Terriers have had many frustrating moments, but still look to the season as a whole and have been able to meet it with a lot of heart.

In the opening game of the season against Sheffield University on its home court, Tech outlasted their opponents but was held five easy errors, allowing two dropped sets to score against Bob Goldwater as Tech won by the score of 2-0. Goldwater combined with freshmen Bob Jenkins to spin both a beautiful three-hour, while striking out 11 between them. Butch Dugay got two of Tech's five hits.

Failing again hurt in the second game as the team made a few noticeable errors. With this big help, Bates defeated Tech 8-3. Bates quickly realized the Territorial didn't commit any errors.

Next, the team traveled to Westminster but didn't find W.P.I. very hospitable, either, as Tech's eighth inning rally fell short as the team went down again, this time by the score of 1-0. The team, with only one hit, had two singles and a double. Tom Broderick also had two errors for Tech.

The team's 3-0 victory against Clark by the score of 9-3. Heroes were Bob Jenkins who pitched five beautiful innings of relief for starter Al Maylone and allowed no runs and one hit with striking out 10. Bob Jenkins was the only bright spot in the game that Tech's fielding was improved but his bats still remained as still as Tech got only four hits. Two of these were by Jim Seery.

Bob Jenkins won by a victory to slip through their fingers because of costly fielding. Assumption scored only two runs but took Tech 10-8 as Tech committed four costly errors and allowed their opponents to score easily. The opponents didn't commit a first error umpire.

Bob Jenkins and Tom Broderick each had two hits for tech while Stan Ruber collected three R.B.I.'s with a bases-clearing double in the sixth inning.

Tech's long-awaited victory came against Clark by the score of 9-3. Heroes were Bob Jenkins who pitched five beautiful innings of relief for starter Al Maylone and allowed no runs and one hit with striking out 10. Bob Jenkins was the only bright spot in the game that Tech's fielding was improved but his bats still remained as still as Tech got only four hits. Two of these were by Jim Seery.

Bob Jenkins was breezing along on a beautiful two-hitter over the final inning, when all of a sudden Nichols got to for him four runs in the sixth inning which was more than they had faced from three batters and couldn't get a break on the right time to keep a rally going. Hitting stars for Tech were Tom Broderick with three hits and Bill Sullivan with two hits.

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SEASON'S HIGHLIGHTS

The current basketball season started on the 20th of February, with a 112 to 94 victory against the Tigers. Let us now take a look at what has transpired in the course of the season.

We saw the record of a season-high by Leon Uzdavinis. His first game of the year saw him score 31 points, followed by another 32-point game against the Tigers. His next game saw him score 30 points, followed by a 28-point game against the Stars. He then scored 26 points against the Lions, followed by another 28-point game against the Tigers. His last game of the season saw him score 30 points against the Lions.

Leon Uzdavinis, all-time scoring leader and holder of almost every scoring record for the Devil-Tech basketball team from 1964 to 1972, will be seen as a legend in the New England All-Star Basketball. The team played in the final game of the season, against the defending champions, the Devils. In this game, Leon scored a total of 30 points, leading his team to victory.

In the season, Leon scored a total of 900 points, second only to the record of 950 points set by Mike Foster. He had a season-high of 50 points against the Lions in the season opener. In the season, he also scored 40 points against the Tigers, 35 points against the Lions, 30 points against the Stars, and 20 points against the Devils.

Leon Uzdavinis, a true legend of the basketball world, has left a lasting legacy in the world of basketball. His contributions to the sport have been enormous, and he will be remembered for his contributions to the sport for many years to come.

Table Tennis Tourney

The fourth annual Table Tennis Tournament will be held at 7:00 p.m. on Monday. There should be some keen competition this year, and Coach Oliver feels that overall, the players have improved tremendously.

There will be a trophy award to the winner and the runners-up. The trophy will be donated by the best two out of three games played. These members of the ping pong ladder will be in the top third of positions, out of the approximately thirty players registered.

Last year's champ was Ray Croteau and second place went to Chris Fassadinos. Best of luck to all the players and to all the other players who have entered.
DELTA KAPPA PHI

After spending Easter vacation in hard labor (staging of course) the Delta Kappa Phi Fraternity then met at their regular meeting and before
the vacation the brotherhood sponsored a dance held at Cannon Hall and
also at the home of Dr. and Mrs. CLE M. WP. It seems that not all are in
the frat and it seems that many have not been around the house for a
couple of weeks so do not let your student go out of control. The next
Fraternity meeting will be scheduled for May 1 and all are expected to
be there.

PHI PSI

The brotherhood is that in another year of excellent gains. We
All feel that no matter what our candidate the nice office or not 
we will always show our support of the brothers and their
capabilities. All of the boys in the last years of the Delta Psi fringe
are the best of the best, if not the best hands we have had at the house
this year. We look forward to the upcoming year in high spirits.

We give our thanks to Mr. Laubert, the chaplain who
Pledged, and the house to the ever kind hospitality the
fraternity has been given.

Congratulations are in order to the new brothers and their
bros and supporters.

PHI LAMBDA PHI

This marks the coming of our last weekend of the year
the last weekend of the last month of the year. It is time for the Phi Lmabda Phi
fraternity to celebrate and to have a good time. The last weekend of the
year they have a special occasion. They are having a big
dinner at the house, followed by a party. The brothers
will be out in force and all are expected to attend. This will
be a great way to end the year and to get ready for the new year!

The Phi Lambda Phi weekend is almost complete. I
forget what the freshmen are doing, but the Phi Lambda Phi
weekend is a good time to relax and have some fun. It is
time for everyone to enjoy the company of their friends
and to celebrate the end of the year with a bang.

It's time to be a pretty tight schedule for all of us in the last
months. It's time to start thinking about what we want to
accomplish in the last month of the year. We have to
make sure that we use our time wisely and to the fullest.

If you're not sure what to do, feel free to ask me or any other
member of the fraternity for advice. We're here to help each other
achieve our goals.

That's all for now, see you all soon!
WHO'S WHO

Last Thursday's Christmas convocation served, as usual, for the announcement of the Who's Who selectees. This year the Student Council selected two students among the candidates to be honored in Who's Who.

Inclusion of one's name on this list is one of the top honors for a campus student. Students names, along with brief biographical data, have been traditionally published annually by Who's Who in American Colleges and Universities.

The Student Council selects the recipients of the honor from among those juniors and seniors who submit resumes to them early in the fall. Well rounded academic careers are a prerequisite for selection, and special recognition is given to students excelling beyond the norms for this institution.

Students outstanding in only one of these fields are generally not considered. Students excelling in two of these fields constitute the majority of the recipients, while students outstanding in all three are very welcome.

This year's selections are:

Attilla Alptekin, a scholar taking the four-year curriculum in only three years, is very active in fraternity functions and in Circle K.

Elihu G. Marx, class vice-president and hazing editor, is a fraternity pledge editor. Mrs. Reed, active in class activities, now represents the campus in the Student Council.

Al Estrada, former class officer and former Latin American Society officer, is a soccer star.

Morris Flower, nicknamed professor and former Latin American Society president, is an active fraternity brother.

Nobert Lavigne, class president, has a high scholastic average and is a committee chairman of the fraternity.

David Lewis' heads the E.E. societies: IEEE and Eta Kappa Nu.

Lowell, Secretary of the Student Council and President of the Chorister Club, is on THE KEY staff.

Philip Morin, Preside of Circle K, is vice-president of his fraternity.

William O'Brien, Distinguished Military Cadet and Cadet Wing Commander, has received the Chicago Tribune and Air Force Times awards.

Elihu G. Marx, class vice-president and hazing editor, is a fraternity pledge editor. Mrs. Reed, active in class activities, now represents the campus in the Student Council.

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Richard Shiffman, handling editorial of THE PICKOUT and THE TEXT, is a fraternity president.

Fernando Romero, soccer star and fraternity treasurer, has a high scholastic average.

Murray Kravitz, scholarship holder and contributor to THE TEXT, is a fraternity member.

Richard Shiffman, handling editorial of THE PICKOUT and THE TEXT, is a fraternity president.

Doug Starmann, former Circle K President and sports editor of THE KEY, is President of the Plastics Engineers.

Edward Wokanovicz, former class officer now fraternity president, has received the Chicago Tribune Award.

Peter Woog, President of the soccer player and former S. C. representative, is now the President of the Student Council.

The above are all seniors. There are, however, three juniors on this year's Who's Who:

James Carson, vice-president of both his class and his fraternity, has a high scholastic average.

William O'Brien, Distinguished Military Cadet and Cadet Wing Commander, has received the Chicago Tribune and Air Force Times awards.

The student who will be the next to receive an award at the 1966 Commencement Ceremony will be selected by the Student Council.

FOREIGN AID: SIMULATIVE OR SEDATIVE?

In America, we take pride and strength from our competitive private industry. We detest corruption in government, but take measures to prevent it from occurring. Our economic policies are such that they promote the nation's industrial expansion. These beliefs are the American way—the best way.

Despite this, we are still in our infancy as a superpower. In today's competition, we may be doing much damage to our way of life. Easily negotiated loans from the U.S. are used by Latin American administrations to promote the expansion of their nationalization. If a socialistic Western Hemisphere is in the making, past and present actions will certainly attain this goal.

Our contribution to the “Alianza para el Progreso” was to be matched by substantial investments from the individual Latin American country concerned, as well as foreign and U.S. investors. With few exceptions, however, the net capital investment was made through a minus sign. This move to discourage foreign investment was evidence of the latest goal: to nationalize the oil and gas industry into the hands of a single country.

President Goulart saw fit to pass a new decree which allows profit not in excess of 10% of registered investments. The intentions of the decree are very ambiguous and will be a while to interpret. Meanwhile, investors will seek safer investments and more stable waters in which to “sink” their currency.

An amendment to the Foreign Assistance Act of 1962 was intended to check any attempts at expropriation of U.S. property in foreign lands. Aid would be denied to any country whose nationalization policy threatened private enterprise without compensation. This amendment is easily bypassed by compensating for U.S. property losses with U.S. loans.

The red tape of our foreign policy is supposedly essential for larger economic and political development and is essential to satisfy our friends and even our enemies. May these same methods be used in the future to allow for the development of nations?

Why is it that since World War II the U.S. has appropriated almost uncounted billions of dollars and lent billions more to countries and governments which are not even immediately threatened by the spread of communism? But how fast will man, who is basically a freedom-loving animal, sell himself into bondage? These Comminist ideologies and programs are not likely to attract the humanist into their camp. Some would probably try to borrow from the Marxist regimes, however, from all indications, a hard loan with little chance of ever being repaid far doled out by the "Wheat Buyers" has not been on the same easy terms as U.S. gifts. Short repayment schedules are usually evident in Soviet loan contracts.

Many countries are now floundering amid inflation, revolution, and chaos could and would prove strong when supported by their own two feet. Easy money and initiative don’t usually come in one package.
SPACEx SCIENCE COMES TO L.T.I.

by Peter Wrench

Radio astronomy is used to study the heavens by the reception of radio radiation from celestial bodies. The radio waves which are able to penetrate our atmosphere range in length from about 12 meters to over thirty meters. Waves longer than thirty meters usually can't penetrate the ionosphere, and waves shorter than one centimeter are absorbed by the gas molecules in the atmosphere.

Space radio waves come from two sources. Thermal radiation is produced by the hot bodies of the universe, and can come from nebulae in which the gas has been highly heated and ionized by a blue star in its vicinity. The second type is nonthermal radiation, introduced into the atmosphere by celestial bodies which have acquired large amounts of the ionizing ultraviolet radiation from a high-energy atomic particles, similar to the results from a synchrotron or a cyclotron.

Astronomy, the Oldest Physical Science

For millions of years, millions of men have gazed at the heavens and never ceased to wonder. The study of the sky and the stars is as old as the human race. Although the subject of cosmology is practically a branch of theology, the study of the stars and the heavens is one of the oldest sciences.

Men have studied the stars for centuries, and have been able to make predictions of the future.

Dr. Edward Gilford

Instrumentation

Besides some of the general instruments already mentioned, there are many others. Special instruments are used in order to get monochromatic photos of the sun, chromosphere, corona, and other phenomena. Others have been developed in order to get to the field of the sun, and to study the radio-frequency radiation produced by high-speed particles emitted by the sun. Many specialized types of spectrophotographs have been developed for particular applications. The radio type is analogous to the optical telescope. The antenna focuses and collects the radiation from the source at this time. These antennas are of two types: the first is the parabolic type, which is a large metal, parabolic-shaped dish, mounted on a movable gimbal. It can be tracked to track the movement of objects. This type is extensively used for satellite tracking. The second type is the array type, consisting of a whole bunch of separate antennas connected together to give good resolving power.

Current Problems

There are many unresolved problems in astrophysics that scientists are trying to solve, such as the composition of values, damping constants, target area for the collisional excitation of various levels. Another subject of much study is the stability of compressed fluids in gravitational fields where there is no energy loss by radiation as well as by convection. Little is known about the influence of magnetic fields on stellar atmospheres and on nebulosity, so much work is being done in this area.

One can see the history of astronomy as a completely complex field, and has much room for creativeness. It also offers an aesthetic quality found in no other field of science, as should be quite obvious to anyone who has ever marveled at the mysteries of the universe.

SPECIAL ISSUE

This issue is a special one for August, May 16, 1967. It contains material taken from recent issues of The Texas, and the articles are not necessarily those appearing in the Texas. The articles will be updated and revised at all time with the appearance of more frequent issues. They will cover the same general topics as the Texas, but will be more frequent and more detailed. The issues will be updated at least once a week, and the articles will be revised as necessary.

Dr. Edward Gilford

Dr. Edward Gilford

Too Read or Not To Read?

by Rob Marron

Are we an informed society? Examined to the proposition that there is no such thing as an informed society. It is not informed society; it is not informed society. However, some progress has been made in experimental astrophysics, involving the shape and strength of spiral lines emitted under various conditions. Techniques involve the use of atomic beams, shock tubes, and whirling fluid arcs.

In the first place, the problem is the measurement of electromagnetic radiation of the sun, stars, and nebulae: the study of their spectra. Many types of detectors are used, such as the photographic plate, the photo electric cell, and image tubes for high-intensity radio and radio receivers are used for radio waves.

They are waiting valuable time on an education, they will be incompetent to use fully and to their benefit.

And, this standard of judgement should only be employed by every student. It is only the judge who is essential; not single person—it's they judge, they judge, they judge.

But, this standard of judgement is the only breath of proper censorship. It will eventually grow up to be a censorship based upon reason—the attribute which disorders and misleads and which stimen men's senses.

Since reason should be man's basic tool of survival, rationality is the highest virtue: his mind was his moral authority. Man should exist for himself. The pursuit of knowledge is his highest mental and purpose and he must not sacrifice himself to others nor sacrifice others to himself.

Censorship does not permit man to exist for himself unless the censorship is personal. Man is guilty to some extent of not taking the most difficult decision to make and admitting that it is wrong. And, in his hour of need, man is his own self and the only one he can count on. He is his own lord and master, and he must do whatever he wants to do.

Emotions are the results of emotions: emotions are self-generated. Man is responsible for his own actions and emotions.

They are working valuable time on an education, they will be incompetent to use fully and to their benefit.