Armour Research Building Crumbles, Makes Room for New Tech Library

Destruction workers are consuming the old Armour Research Foundation building on the corner of Dearborn and Thirty-third. This July, the Cram Library will begin to take shape in its place. When Gustave Eiffel founded the Mission (the old SU), he had to have some source of income to keep the school going. Philip Armour, a passive absentee of the Mission, helped build a series of apartments around the Mission, the income from which would be given to the Mission. James Little, the appointed director of the buildings, handed a good sum of money over to the Gustave Eiffel Foundation after operating costs.

Armour Flats, as they were called, completely surrounded the Mission on the block bounded by Thirty-second and Thirty-fourth, and Federal streets. There were even apartments on the west side of Federal with their backs to the railway. Iron gates closed off the center of the yard, and the balconies formed by the buildings made a backyard mall for those renting in the apartments. The occupants of Armour Flats were mainly the staff and employees of Armour Institute, founded at the turn of the century.

Strangely enough, the apartments started coming down before 1920. The buildings along the west side of Federal street (see ARMOR Buildings, page 6) are the same that Mr. Eiffel designed for the Cram Library.

ITSA to Present Free Spring Hop

"Best New Dance Band of 1960," according to the American Federation of Musicians, will preside over the Illinois Tech Student Association's free dance to be held April 8 at the Crystal Ballroom of the Shoreham Hotel, 8448 South S aberr Drive.

The hotel can be reached conveniently from the Outer Drive, and ample parking is available.

Admission is free to students having ITSA cards and their guests. Buses are not necessary.

Mock UN to Give Assignments Out Today At Session

Illinois Tech's delegation to the Mock UN at the University of Minnesota will hold a meeting today at 2:30 p.m. in Room 401 in Chapin Hall.

The purpose of the meeting is to plan final seating positions among the participating delegations. Attendees are a must for all those who are going. The Mock UN budget was recently approved by ITSA so that the members may now carry out their full schedule of events.

"Walkie-Talkie" radio sets for use at the UN meeting have been donated to the Illinois Tech delegation by electric firms mindful of the advertising possibilities.

Lee Gold, a graduate student in Political Science, is faculty adviser. Further information may be obtained from John La Pinta at DA 6-9927.

McKinley House Still Operates, Needs Funds

Contrary to what was previously printed in Technology News the Ada S. McKinley community house is very much a operation. The community house is located at Thirty-fourth and Michigan avenues and serves the neighborhood in a number of ways. The Charity Chest in its last report to ITSA announced that the McKinley house had closed, and the money normally given to them of the amount collected from the students would be given elsewhere.

Upon further investigation McKinley House was found to be operational but needing funds. It was apparently felt by some that since the house was endowed money, which at the time was not forthcoming, that it would close.

This situation has been changed and the house, though in the red, functions as before. The Illinois Tech Women's Club is again sponsoring its annual program to raise money for McKinley house. This year they are planning a fashion show to be held in Crown Hall on Friday, April 5.

McKinley house offers a variety of services to those families of the neighborhood. They sponsor a program for children to tours of homes to other families that cannot pay the fees usually required.

Shimer's NSA Conference Discusses Civil Rights

Civil rights was the topic discussed in a special conference held by the National Student Association last weekend.

Twenty-five students representing nine schools attended discussions on the problems of Illinois-Wisconsin migrant workers, Negroes in Chicago, and transportation problems. The conference was sponsored by Shimer College, hosts of the conference; Illinois Tech; Illinois College at Carthage; Milwaukee-Dowling College; Moline; Roosevelt University; University of Wisconsin at Chicago; and the University of Wisconsin. Although Illinois Tech is the only one of these that is not an NSA member, a representative was allowed to participate. The conference was held Thursday to assume April 4.

No TN Next Week

There will be no issue of Technology News Friday, March 31, due to the spring recess.

Classes will be dismissed Thursday to assume April 4.

Illinois-Wisconsin area. Some problems in this column are the extremely poor housing and transportation facilities for the migrant worker, little or no educational opportunities for

Mock UN, page 4

Kappa, Phi Delta Alpha and the Interfraternity Council have planned an Easter egg roll this Sunday for all children on campus from the age of three to seven. The roll will take place at 2 p.m. on the lawn between Barn and Bailey Halls. Prizes will be given for participating in the contest.

All parents desiring their children to take part must register this on the forms deliverable to the dorms. The forms can then be placed in the containers in the Commons building.

ITSA will provide an Easter bonny pledge for the occasion. They will be on hand to supervise and divide the children into age groups.

The Kappas, who are supporting the event financially, hope to promote better relations between the Greeks on campus and the apartment residents according to Torrie Adams, Kappa president.

Kappa, Phi Delta Delta also has sponsored the annual Toy Harvest for several years. They raise money and collect toys for hospitals and other charitable organizations through this function.

SUB Takes Applications for Offices

Application for president, vice-president, secretary, and treasurer of the Student Union Board are available from Dick Gregory, ITSA president.

These applications should be completed and submitted to Gregory in the Union House by March 7.

The SUB is now accepting applications for publicity, education, sports, and exhibit committees. These applications should be returned to George Sigel, president of SUB, by April 10.

Applications interested in serving on one of the committees may go to the SUB office 1 p.m. Tuesday.

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Stewart Hits SAAB, Charges Frat Collusion

Dear Bob,

I can't say that I was surprised when the results of the SAAB appointments were announced. This organization has been in the hands of the same group for as long as I can remember. Nine semesters ago this organization was run by PKS, DTD, and AEPI. Two years ago this balance of power was gravely altered. The "power" groups were DZ, DTD, AEPI, and PKS. In the last election the controlling groups once again shifted—DZ, DTD, AEPI, and PKS. But not least PKS.

I don't think anyone is so naive as to assume that the only qualified students come from those special groups. The selection of new members is a farce. The members of SAAB interview everyone who applies for a position and then they pick whom they think they can use best. These people assume positions as a favor to themselves and their friends. They make sure they are not chosen for their own group to take the reins for the following semester.

I applaud the action that was taken by the Board of Control in not accepting the recommendations of SAAB, and I hope the board will see this as a relief.

Sincerely yours,

Wayne F. Stewart

Student Action Over National Problems Lags

Students lead revolution of 1848. Students stage sit-in. Students again challenge NDAA's view of their conduct. Students demonstrate against Castro. Students in Hungary oppose Communist domination.

Why don't we get the act? Students traditionally are among the first to take concern and action on many of the vital issues of the day. According to some experts, students are among the best-informed of people. Therefore, students have a responsibility to themselves and others to take action when conscience calls, one of the principles of American democracy.

We aren't entirely lacking in this field. A group on campus is currently collecting books for use by less fortunate Asian students. Several architecture students recently painted the destruction of the Garrett theater, an architectural landmark.

But we feel our responsibilities as students extend further than this. We needn't start a revolution or stage weekly riots; we should, however, show some awareness of and take stands on the problems of our community, country, and world.

Letters to the Editor

APO Requests Skvarla Apology For False "Attack"

Dear Sir,

In the issue of March 17, 1961, in the letter to the editor, Mr. Melvyn Skvarla, Historian of Sigma Phi Epilus Fraternity, made an attack on Alpha Phi Omega. It was a vicious attack for two reasons. One was that APO has never been contacted on undertaking such a drive. At least it was a step in the right direction. The other was that I have no doubt that if the fraternity had been contacted, the project would have been added to the list of service projects, and fulfilled quite successfully.

Secondly, the contempt with which Mr. Skvarla says "national" fraternity, I believe, is both unfounded and unfair, and also gives the lie to knowledge of the fraternity that he so contemptuously slandered.

I am, hereby, asking Mr. Skvarla to correct the factual information of his statement, and to publicly apologize to Alpha Phi Omega.

Yours,

Gid Matthews
President, Alpha Phi Omega

As I See It

Establish Letter Policy For Technology News

by Bob Woods

Every semester, it seems, there is a time when it is necessary to set a definite policy on what letters will or will not be printed in Technology News. This semester is no exception. Most brand-new, pink-cheeked arrivals at the editorial desk affirm that anything which crosses his palm in the guise of a letter to the editor will be printed. Of course, this policy is based on the assumption that it is always possible to distinguish what is meant as a letter to the editor. As is no doubt apparent by this time, the statement is precipitated by the letter from Bill Hayne which appeared in last week's Tote Board.

This was received as a letter to the sports editor—a usual circumstance to begin with—and printed in Tote Board, the sports editor's equivalent of the editorial page.

Now, it was poor judgement on the part of Hayne to write the letter. It was, however, far poorer judgement on our part to print it. Further, the letter was intended as a personal note to a member of the Technology News staff, whereas we interpreted it as a letter to the editor. These and other misunderstandings contributed to the general confusion which created a very unfortunate incident.

I wish to take this opportunity to apologize to Hayne for any ill will to which he and his fraternity may have been subjected as a result of this occurrence, and make it quite clear that the letter as initially written was not intended for publication.

To avoid similar situations in the future, the following policy will be set down regarding letters to the editor: as always, letters will be printed if typewritten, signed, in good taste, and not more than 250 words in length. Longer letters will be edited at the editor's discretion.

Furthermore, personal letters, or letters concerning a personal situation, will not be printed.

This policy will be in effect for the remainder of this semester. Exceptions will be made only at the discretion of the editor.

TN Urges JFK to Move While the Time is Right

Almost two months have passed since the memorial day of John F. Kennedy's successor. At that time, a general feeling prevailed that big things were to come. We were warned that the US did not hold the enormous position that ex-president Eisenhower said we did. But time has slipped by rapidly, and with what dynamic action? We believe that the works done have been half but not as much as expected by the public.

JFK is a popular man and he impresses everyone with whom he comes into contact, even Nixon. But he does not appear to be able, or has not yet, presented anything of an outstanding nature to Congress. His bills as yet have been the same as were hashed over during the campaign and in the last Congress, such as the minimum wage bill. This is not saying that a bill of this nature shouldn't be passed, but that it is nothing new.

Perhaps president Kennedy is overly impressed with his authority. He takes great pride in knowing exactly what is going on in the all parts of the government. One case in point. When Eisenhower's staff was trying to close their work in Washington, they were in need of office supplies, like paper clips. Kennedy, upon reading this in a daily paper, made apparently a big thing out of getting them set up. This was great human interest material for newspapers, but can easily lead to the wrong kind of image of our leader. He should be a person who is able to exercise great power rather than great administrative authority.

We wait with anxious expectation for some sort of action. If JFK wishes to be remembered as a second edition of the early days of FDR, then we suggest that the time is ripe.

Technology News
Letters to the Editor

Visitor to Campus Feels Skvarla Letter Too Harsh

Dear Editor,

Being a visitor on your campus, I feel I can voice some things that the student body often misses. This is an answer to the letter in "Letters to the Editor" by Melvin Shriver. Mr. Skvarla states that "Not even APO, the National Sales Fraternity, would take this project.

Nowhere in his letter does Mr. Skvarla state the project had been suggested to APO as a project. I know something about your student government organization at 3TH, and I know APO is not a member of IFC. If the project was suggested to IFC by the ITSA Board of Control, it was to APO but IFC. I believe Mr. Skvarla owes APO an apology. In fact, I believe Sigma Phi Epsilon even APO an apology, because Mr. Skvarla was writing in an official capacity when he signed his name.

My host for the weekend did not want me to write this letter, but he has, and I believe I can help, in a small way at least, to put a stop to such base misleading as Mr. Skvarla did to APO. I have visited many campuses in the last six months and the best solution to such trouble that I have seen is at Northern Illinois University at DeKalb. A trophy is offered to the organization that provides the greatest number of service men hours per semester.

With you at the U of I in Champaign, I learned of some of the work of APO. They provide service to the veterans, conscientious objection, and chapter. Their order of service is in that exact order, with a big "C" to campus. You may not see them, but they are there. My tour of the campus this morning was conducted by APO.

I got a copy of Tech News from one of the students here at UTH every weekend, so I will be watching to see how this turns out.

Sincerely,
Thomas T. Prevo

ARF Biologists Present Paper

Two Armour Research Foundation microbiologists, Dr. Richard Ehrlich, assistant director of Life Sciences Research, and Sol Miller, ARF bacteriologist, will present a technical paper entitled "Use of Ozone in Preparation of Typhoid Vaccine." The paper will be read before the sixty-first American Society for Microbiology April 23 to 25 at the Morrison Hotel.

In general, vaccines are prepared by one of several methods, such as application of heat, formaldehyde, hydro, and ultraviolet radiation, ionizing radiation, and ultrasonic vibration. These methods are often undesirable because they result in denaturation, inadequate lability, and undesirable secondary effects.

When prepared with ozone, in general, stability of the virus was obtained in one or two hours. Tests on mice have shown that the typhoid vaccine behaves very similarly to the National Institute of Health standards.

Since the other techniques of typhoid vaccine preparation are widely employed and are, at present, adequate, this preparation will probably never be marketed. However, the success of this typhoid vaccine results in the possibility of a similar preparation of other vaccines.

Peace Corps No Picnic, Says Shriver's Report

"Ask not what your country can do for you — ask what you can do for your country," stated President Kennedy at his inaugural address. It is in this spirit that President Shriver set up the working operation now called the Peace Corps.

It is in this spirit that hundreds of Americans are applying for positions in this attempt to further ideals of the American system. As Shriver pointed out in his report to the president, this experiment in international co-operation is still in question. An evaluation of the action of the corps members may, as the administration hopes, give foundation to their faith in the American youth.

The life of the Corps offers not the romanticism once pictured by some of travel and adventurism. It is long hard days of work with only subsistence pay and none of the luxuries that we have come to depend upon. As Shriver puts it, "In short, he (the corpsman) must be prepared to get his hands dirty."

To those idealists that hope to change the world overnight, the Peace Corps is not the place to start. The work that they do will not make but a small dent in the problems of the underdeveloped areas. The hours of toil may go for nothing in the end.

Before you are too swept up with national devotion it may be well to consider the requirements. A corpsman will spend two to three years in the country to which he is assigned with only a temporary draft deferment. Corpsmen will be required to spend several months in training, during which he will become familiar with the language of his assigned country. He will take a course in Peace Corps essentials and American history.

As to personal qualifications, applicants must be well adjusted and have the ability of communication of ideas. They must also be able to take orders from representatives of the host nation. Long, thorough investigations, and a set of rigorous tests are also hurdles that must be overcome.

Have a real cigarette — have a CAMEL

The best tobacco makes the best smoke!

Be perspicacious!

Offer Free Tax Forms

Individual and business tax forms will be distributed by Illinois Tech Accounting Society. The forms will be available to both students and faculty in Room 100 of the EM building. The forms will be available until April 15.

Pub Board to Select New Integral Heads Tuesday

All formal applications for Integral positions must be submitted by Jim Solon, chairman of publications board, 3349 S. Whalas Avenue, before the meeting tonight.

Although these appointments were made at their last meeting, they were postponed until Tuesday because there was only one application for each position.

According to Tom Murphy, present editor of the Integral, the book will be sent to the printer on Monday. This will enable it to be published and available for sale.

SIG EPS COLLECT NEARLY 200 BOOKS IN ASIAN DRIVE

Two hundred books have been collected by SIG EPS in an Asian Drive. This is well below the book per student average that is wanted by Sigma Phi Epsilon social fraternity which is sponsoring the drive. Collection boxes are in all the fraternity houses, dormitories, and in the MC and SU lobbies between noon and 4 p.m. Tuesday and Thursday.
Nearly 2,000 See Power Conference

Nearly 2000 persons registered for the first day of the American Power Conference. The conference was held Tuesday, Wednesday, and Thursday. Papers ranged in subject matter from thermal power to coal purity were presented by their authors. Delegations from West Germany to California participated.

Professors Budenhauer, Whitcomb, and Lewis representing Illinois Tech, which is the chief sponsoring institution, were the ranking officers of the conference.

Chains were dissolved Tuesday for all Mechanical and Electrical Engineering classes. Seniors in both majors were excused for all three days of the conference.

The American Power Conference is designed to be an open forum for all work being done in the power industry. All papers selected by the planning committee for presentation are judged on the importance and contribution in each area.

Wilson Recalls Auto After Theft

Bill Wilson, 20, recovered his stolen 1956 Mercury on March 14. Between Thursday, February 28 and Thursday, March 5, Wilson's automobile was stolen from the dorm parking lot. Wilson notified the campus police and the city police about the theft. Luckily, on March 15, there had been no results in the police investigation. On that same day, Wilson saw his car going out on Thirty-third street.

Wilson then notified the police and after a short search, they found the car, minus the spare tire and license plate, near Thirty-sixth street and Como Avenue. Wilson expressed wonderment at why no one would steal such an old car.

Armour Develops Static Seals of Metal Alloy

Development of a new material for high pressure static seals has been announced by Armour Research Foundation.

The new material is a composite of two metals whose combined properties meet the requirements for use in temperatures up to 1300°F and pressures of 3000 psi.

The composition, developed for Materials Central, Wright Air Development Division, U.S. Air Force, have made by impregnating a porous body of fiber metal with a soft metal. The resiliency of the fiber metal skeleton combines with the softness and conformability of the impregnant to offer a seal material that will meet any static high temperature-high pressure purpose. In addition, the mechanical retention required for use with chemicals, extreme fluids, or hydraulic fluids

Bally Co-Ed

Saturday Math Classes Attract Beverly Carmen

by Marty

Saturday math classes for high school students contributed to Beverly Carmen's decision to attend Tech. She feels some of the people here and learned that it is a good school, especially in biology, her major.

Many of the biology majors go into pre-med, but Beverly would like to do research or teach. It is ironic that although she has lived abroad a year in 6 years, Beverly never considered it seriously until she was a senior in high school.

Newmeyer club member Beverly feels that the organization doesn't have enough members. Studying breaks are needed and Beverly recommends a group of this type.

Beverly says there are many activities students can participate in.

Dr. Vajda Joins Armour As Polymer Group Leader

Dr. Alexander R. Vajda has joined Armour Research Foundation of Illinois Institute of Technology as group leader of polymer research in ARPS' chemistry division.

Prior to joining the ARPS staff, Vajda was a chemist with the Hooker Chemical Corporation in Niagara Falls, New York. He is a specialist in the field of resin and polyurethane foams.

Dr. Vajda has worked in Switzerland and in Canada as a chemist.

Points to Ponder

Between your first and last pay checks you will earn a fortune.

But . . .

How much of that fortune will belong to you if you live to retire?

Or . . .

How much will your dependents have to live on if you die too soon?

These problems can be solved immediately and permanently through a flexible Massachusetts Mutual Life Insurance policy suited to your individual needs. Ask for full information on the easy way to pay for life insurance.

Colleague Unit

Frank Rockwell, Superintendent
Earl C. Jordan Agency
Suite 116 - 1 N. Lasalle St.
Chicago 2, Illinois, Phone 3-0660
Massachusetts Mutual Life Insurance Company
Springfield, Massachusetts

Frank Rockwell, Superintendent
Earl C. Jordan Agency
Suite 116 - 1 N. Lasalle St.
Chicago 2, Illinois, Phone 3-0660
Massachusetts Mutual Life Insurance Company
Springfield, Massachusetts

A man with Alopecia Universalis

doesn't need this deodorant

He could use a woman's roll-on with impunity. Men's Spray was made for the man who wants a deodorant he knows will get through to the skin . . . where perspiration starts.

Men's Spray Deodorant does just that. It gets through to the skin. And it works. All day. More men use Men's Spray than any other deodorant. Have you tried it yet?

642 and $1.00 plus tax

*Consumer test of body odor, includes that of the mouth, nose, armpit, etc.
Sickels Calls Concern to Complicated, Confusing Controversies

by Bill Sickels

In line with the Technology News policy of offering information and uplift to the student body, we shall this week consider some selected controversy. At this writing we have had negligible or no disputative reaction to past "Why Nutants" and therefore we will have to dig in other fields for our disagreements. Having into the subject gently, we may some day drive change lanes, we'll begin with a subject of little importance for most of our readers. In the magazine publishing world, a Usine struggle is currently being waged between McCall's and the Ladies' Home Journal over circulation. Each claims the lead, but the previous struggle McCall's has been coming up fast since the installation of a new editor 2½ years ago and is probably the current leader since the circulation figures the Journal sees fit to quote are from last year.

So this means little to you but you may want to open a conversation with it on your next date. Tell her you're making a survey; don't feel you need report back here any successes. That goes for failures, too.

The word "controversial" seems to us to have risen to prominence during the national press' timid handling of the late, lamented era of McCarthyism and has since found an appropriately nebulous usage in the tempestuous world of show business where the word is applied more to subjects than to people and is used on increasingly petty topics.

If we can believe the hearings conducted newspaper accounts, there has been an apparently sincere struggle between the TV titans, Peabody and Sullivan, on the equally earthshaking question of the merits of "Our Time" vs. "The Goldbergs". We can recall the days of Friendly Food between Jack Benny and Fred Allen when the rivalry was just for laughs and no money was involved, which may explain a great deal about the present case.

An international contrast in controversies is neatly summed up by CBS's Eric Sevareid in a recent column called "The Crabgrass". He compares the phenomena of thousands of educated Englishmen who refuse to understand that the external Communist threat is deadly real, to thousands of uneducated plainsman Americans who refuse to understand that the internal Communist threat is really dead.

Each view fosters a form of divinity, damaging to our national purpose and harmful to the very real foreign Communists. A convenient solution might be to average the two groups, letting them cancel each other by a sort of mass cultural exchange program. But then you can imagine the cultural gulf. We laugh that even English bobbies take a break for tea; Britons find it highly amusing that anyone past adolescence eats "coffee milk" (which they serve warm like their beer).

Now on a local level, there is a different sort of disagreement heretofore. FM advertisers for the Victoria Shores apartments, a few blocks east of campus, are trying to stress the number of satisfying accommodations there for single men and women. We assume the management's intention was to attract more of the same and keep those they had with the lure of fresh prospects.

Current advertising now disagrees with the previous format and emphasizes that "ever a thousand families" presently live there. With 18 apartments on each of 10 floors for the 350 apartments, at 1,000 apartments to meet the ad's claim. What happened to a month ago?

Since a single person is clearly not a family, some sort of amalgamation must have been going on. We hate to suggest any dishonesty but to permit the single people to be listed, the alternative is that the thousand-plus families would have to share a considerable number of apartments, a practice which violates privacy, not to mention housing regulations. We wonder what drives but have no intent to cause controversy.

What would YOU do as an engineer at Pratt & Whitney Aircraft?

Regardless of your specialty, you would work in a favorable engineering atmosphere.

Back in 1925, when Pratt & Whitney Aircraft was designing and developing the first of its family of high-speed, high-power engines, an attitude was born—understanding that engineering excellence was the key to success.

That attitude, that recognition of the prime importance of technical superiority is still predominant at P&W today.

The field, of course, is broader now, the challenge greater. No longer are the company's efforts confined to graduate students in mechanical and aeronautical engineering. Pratt & Whitney Aircraft today is concerned with the development of all forms of flight propulsion systems for the aircraft industry—aircraft engine, rocket, nuclear and other advanced types. Some are entirely new in concept. To carry out analytical, design, experimental or materials engineering assignments, even with degrees in mechanical, aeronautical, electrical, chemical and nuclear engineering are needed, along with those holding degrees in physics, chemistry and metallurgy.

Specifically, what would you do—your own engineering design provides the best answer. And Pratt & Whitney Aircraft provides the atmosphere in which that talent can flourish.

Development testing of liquid hydrogen-fueled rockets is carried out in specially built test stands like this one at Pratt & Whitney Aircraft's Florida Research and Development Center. Every phase of an experimental engine test may be controlled by engineers from a remote blockhouse, with closed-circuit television providing a means for visual observation.

Representative of electronic aids functioning for P&W's engineers is this online data recording center which can provide automatically recorded and computer-processed data simultaneously with the testing of an engine. This equipment is capable of recording 1,000 different values per second.

Studying of solar energy collection and liquid and vapor power cycles typical P&W's research in advanced space auxiliary power systems. Analytical and Experimental Engineers work together in such programs to establish and test basic concepts.

World's foremost designer and builder of flight propulsion systems

PRATT & WHITNEY AIRCRAFT
Division of United Aircraft Corporation
COMMERCIAL OPERATIONS—East Hartford
FLORIDA RESEARCH AND DEVELOPMENT CENTER—Palm Beach County, Florida

For further information regarding an engineering career at Pratt & Whitney Aircraft, consult your college placement officer or write to Mr. K. P. Asinger, Engineering Department, Pratt & Whitney Aircraft, East Hartford 8, Connecticut.
Orators Try "Student Aid"

"Federal Aid to students" will be the topic of the next Debate Society meeting to be held in room C of the Commons lounge on Tuesday, April 21. All students may attend the debate.

At the last debate on Monday, March 20, the question of whether the electoral college should be abolished and the methods of direct election of the president was debated.

- ARF Building

(Continued from page 1)

were down before the end of the First World War. In fact, the institute had started trying to get the occupants out when William Colvert, Dean of the Evening Division, came to Armour Institute in 1929. The parishes on the basis of the buildings were torn down along with the iron gates.

During the early years of the Forties, some of the walls of the separate apartments in what is now Chapin Hall were broken out permitting passage from one section to another. Apparently, all weren't taken out thereby accounting for the entire system in it.

In 1936, when the Armour Research Foundation was founded, it was given use of the building that is presently being torn down. Under Thomas C. Poulter, its first director, ARF commanded the basement, first, second, and part of the third floors. The third floor was a lab. T. C. Poulter having to make most of its equipment in this store-room on the first floor in the east wing.

Employment Directory Lists Summer Openings

Jobs available in resorts, government, ranches, and summer camps are listed in the Summer Employment Directory. The names and addresses of employing officials, specific job openings, salary range, and information on how to write an effective letter of application are also given. Students wishing summer work may make application to the employers listed in the directory. Employers are included in the directory at their own request, and they invite applications from college students.

The Summer Employment Directory is available in the office of Earl Kibbick, student placement director, the library, or the dean of students office. Also, a considerable number of public libraries now have a copy of this directory.

Dean Reveals Grade Point

The following is an official list of fraternity grade point averages for the fall semester of 1960.

<table>
<thead>
<tr>
<th>Fraternity</th>
<th>Grade Point</th>
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<tbody>
<tr>
<td>Alpha Epsilon Pi</td>
<td>2.736</td>
</tr>
<tr>
<td>Phi Sigma Sigma</td>
<td>2.626</td>
</tr>
<tr>
<td>Tri Phi</td>
<td>2.588</td>
</tr>
<tr>
<td>Tau Epsilon Phi</td>
<td>2.531</td>
</tr>
<tr>
<td>Pi Kappa Phi</td>
<td>2.497</td>
</tr>
<tr>
<td>ALPHA PHI FRATERNITY</td>
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<td>Delta Tau Delta</td>
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<td>ALL MEMS</td>
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</tr>
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<td>Alpha Sigma Phi</td>
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</tr>
<tr>
<td>Delta Epsilon</td>
<td>2.344</td>
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<tr>
<td>Sigma Nu</td>
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<td>Sigma Pi Epsilon</td>
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</tr>
<tr>
<td>Phi Kappa Epsilon</td>
<td>2.280</td>
</tr>
</tbody>
</table>

# in a series of polls conducted by L&M student representatives in over 100 colleges throughout the nation. Watch for the next poll coming soon.
Frosh to Meet Monday, Plan Pizza Party, April 7

Due to the poor turnout at the last freshman class planning meeting the freshmen Board has called another. The meeting will be at 2:15 p.m. Monday, in the Commons basement. A class picnic and a trip to the White Sox ball park are also being considered. There is a party scheduled for first and second semester freshmen on April 7. It will be held from 8 p.m. to 12 midnight in the Commons basement. The dress will be informal and refreshments will include pizza and cake. All freshmen are invited to the party.

Senior Salute

"New Horizons", the senior salute farewell, is being held this year from 7 to 11:30 p.m. on Saturday, May 6, in the French Room of the Sheraton-Biltmore Hotel. The dance is semi-formal and is being limited to 65 couples. Rides for can be purchased from any of the senior officers for eight dollars a couple. Pier Borra, senior class social chairman, said, "Response for bids has been good so far."

Seniors Say Farewell At Last Dance

Moderator

Comedian Bob Newhart, known for his "button down suit" which will grace the stage of the Orchestra Hall tomorrow evening at 8:15 p.m. Favored with Newhart will be followed by songs by the Chad Mitchell Trio and Barbara Dane. Tickets are $2.50. This evening at 8:30 p.m. Odets will present a concert of folk music at Orchestra Hall.

Landau

Bill Odets possesses a beautiful contralto voice and a warmth which she projects to her audience. Group fee is $1.00.

Victor Borge, a wacky man at the piano, will present a program of music and music at the Opera House, 50 N. Wacker, this evening at 8:15 p.m.

The Second City Players are presenting a new satirical revue entitled "Animal Fair" at the Second City, 1424 N. Wells. Nightly at 9 and 11 p.m. Saturday at 9, 11, and 1 p.m. Friday and Saturday at 8. Admission is $1.50. defender the 2.

Cheap

Bernard Shaw's play, "Mrs. Warren's Profession" will be produced by the Shaw Society of Chicago, Monday at 8:15 p.m. at the Happy Medium, 501 Rush. CE 7-5452. Student $3. Admission required.

Three Mich. County classics dating from 1931 will be shown in a "W. C. Fields Festival" this Thursday at 8:30 p.m. in Pullman Hall of the Art Institute. Admission is $1.50.

Frost

Peter Keating's comedy, "Miranda" will be produced by the University of Illinois Pie Club Players tonight and tomorrow at 8:30 p.m. Thursday and Friday. CE 6-2006.

"The Arts of Denmark—Willing to Modern" are on display at the Art Institute and will remain through April 9. The collection represents many contemporary designers and craftsmen of Denmark.

ARF Announces Publication of Metals Data

Armore Research Foundation has scheduled the publication of a reference book for metallurgists and those in the metals industries doing research on other developments. The foundation is reviewing all the data related to metallic binary equilibria. The evaluation and editing of Dr. Boris F. Eilott, ARF senior metallurgist, and will cover literature published before 1935.

A previous ARF literature was not published, the publication of Hansen's "Constitution of Alloy Alloys" was published through 1955. Sponsor of the three-year, $35,000 program is the Western Development Division of the Air Force, which also supported the two-year period.
Dr. Ross Speaks For Ethos Series

The Association of Religious Organizations, composed of the various groups of religious organizations on campus, is sponsoring a lecture by Dr. George Ross, Associate Professor of Philosophy and Religion, on April 5 at 12:10 p.m. in the MC auditorium.

On April 9 at 2:00 p.m. APO is sponsoring a coffee hour in the residence hall cafeteria at which Dr. Frey of the chemistry department will speak. Everyone is invited.

United Campus Christian Fellowship, encompassing various Protestant denominations, meets on Wednesday nights at 7 p.m. in the Commons basement. UCCEF is presently involved in a series of discussions on the purpose or purpose of life.

Lutheran Students Association holds Chapel, followed by

APO Offers Summer Pool

Alpha Phi Omega, the national service fraternity, announced that its "Vacation Car Pool Service" will be in use this summer for those students traveling across the country. The car pool service is available to the public, and the APO office on the second floor of the Student Union will be a service to all workers interested in taking advantage of this service.

APO also announced that after Wednesday, March 30, the pool will be closed for business hours. According to George Markoski, the bookkeeper, the pool will open from noon to 2 p.m. on Monday, Tuesday, and Wednesday.

Placement

Monday

1. Thomas Loelber, Room 38, Wrangler, Greensboro
2. S. B. Koppel, Room 38, Wrangler, Greensboro
3. M. L. King, Jr., Room 38, Wrangler, Greensboro
4. L. J. E. Jones, Room 38, Wrangler, Greensboro
5. N. J. W. Brown
6. R. W. Jones
7. W. S. Miller, Room 38, Wrangler, Greensboro
8. J. L. R. Smith
9. J. W. Brown
10. J. L. R. Smith

Tuesday

1. C. W. Allen, Room 38, Wrangler, Greensboro
2. J. L. R. Smith
3. J. L. R. Smith
4. J. L. R. Smith
5. J. L. R. Smith
6. J. L. R. Smith
7. J. L. R. Smith
8. J. L. R. Smith
9. J. L. R. Smith
10. J. L. R. Smith

Placement

1. J. W. Brown, Room 38, Wrangler, Greensboro
2. J. L. R. Smith
3. J. L. R. Smith
4. J. L. R. Smith
5. J. L. R. Smith
6. J. L. R. Smith
7. J. L. R. Smith
8. J. L. R. Smith
9. J. L. R. Smith
10. J. L. R. Smith

Migrant Workers Get Low Wages, Need Legislation

(Continued from page 1)

A list of those registering was then taken. The list showed that the white population of the county. As a result of this, over 900 Negroes who had registered were evicted from their farms. The county was in a state of骚乱, which was practiced, withholding food, clothing, and medical supplies to those Negroes.

Court orders have curtailed this activity somewhat, but in the meantime many Negroes find themselves living in tents and dirt poverty in small groups. Some of them have been even evicted by bullets fired through the tents.

Some colleges, notably University of Chicago, University of California, and Elon College have instituted money-raising campaigns to aid the displaced Negroes. Food, clothing, and medical supplies were sent to alleviate their distress.

Some Civil and church groups have also participated.

Much has yet to be done. This was the conclusion of the conference. Some suggestions were more money-raising drives, especially in campuses and commercial newspapers (which have been largely lacking) and the raising of interest in various church and civic groups, perhaps using guest speakers.

Migrant Workers Get Low Wages, Need Legislation

The final civil rights discussion dealt with the problem of racial and religious discrimination in housing. Emphasizing the discussion was the talk given by Lina Despres, 65th ward Chicago alderman. Despres was a speaker at Illinois Tech last year.

Despres spoke on his activities and views in the question of open occupancy, or non-discriminatory, housing in Chicago. Chief among his arguments is that segregation causes "ghettos" within the city. He suggested that one way of stopping these is being the all-black sections of Chicago.

Support Proposal

Ghetto, he said, necessarily surround schools, facilities, etc., and thus serve to make inferior homes worse. Crime, destitution, and disease, moral as well as mental, are bred in such segregated neighborhoods. Despres' plan for a municipal

Bauern To Speak Of New Concept To Civics, Tuesday

The American Society of Civil Engineers is to present a talk by Dr. W. J. Bauer on Thursday, May 1 at 7:15 p.m. The talk will be given at 7:15 p.m. in Commons basement. The talk will be accompanied by a working model of a new hydraulic concept.

Peaks at the Greeks

Triangles Play Musical Names; KPD Celebrates

By Walter M. Murnane

Pi Kappa Phi has a new pledge; his name is Ray Ralston. The pledge of Kappa Delta has a benefit party yesterday for the president of the fraternity pledge class. Kappa Delta is having a collection of 1000 books for a birthday party next Wednesday.

Taco Kappion S. Bisteani, president of the Kappa Delta chapter, announced that the chapter will hold a benefit party next Wednesday.

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**Dean Larkin**

Illinois Tech

Says Liberal Studies Set Above Trade Schools

By Marty Boppapet

"If you remove the liberal studies departments from Illinois Tech or any other engineering school, all you have left is a trade school," a professional engineer and professor at Illinois Tech, John D. Larkin, said last week. "Engineering is a Liberal Arts program, much like a liberal education."

Larkin's remarks were made in response to an article in the New York Times, which suggested that liberal studies programs are not as important as technical programs in engineering schools.

Larkin also stressed the importance of a well-rounded education for engineers, stating that it is crucial for them to have a broad understanding of the world and its complexities.

"Engineering is not just about designing and building," Larkin said. "It's about understanding the world around us and how it works."

Larkin's comments were met with a mix of agreement and disagreement from other engineering educators.

**BON Adds 14 Typical Good Guys**

Bets Onega as announced that its board of members last week. The pledges can be recognized by their orange and black colors.

The group consists of: Pierzo, John, Payman, All, Harold, Stahls, Don, Wall, Dave, Temple, Bill, Miller, Brian, Cimbalio, John, Conti, Jay, Klassen, Bob, Kribber, and George Boos.

**Ford Measures Supercritical Metals' Moduli**

Ford Motor company's scientific laboratory has recently completed the first complete measurements on the mechanical stiffness of metals cooled until they have lost all resistance to electrical current. The measurements will help to provide a better understanding of what makes metal elements in computers behave as they do.

The measurements were conducted by Dr. George Alkaios of Ford in an invited paper before the American Physical Society's annual meeting devoted to solid state physics. The paper, co-authored by B. L. Waldron of the same laboratory, was entitled "The Effect of Spin-transport on the Elastic Moduli of Cubic Metals".

Dr. Alkaios explained how the metallic response to being twist and squeezed was measured and the differences noted when the metals went from their normal to their superconducting status. It has been known for some time that certain metals, when cooled to temperatures near absolute zero (approximately 20 Kelvin), lose their electrical resistance completely. This phenomenon superconductivity has never been explained satisfactorily by theory, but two important applications of the phenomenon are the memory element of computers, and a new type of magnet.

**Nat'l Defense Act Provides S$59.6 Million For Students**

Loans totaling $550.6 million were made to 140,839 college students between February 1959 and July 1960, by the National Defense Loan program. Since participate colleges and universities contribute one dollar to the fund for every $50 in Federal money. The total National Defense Student Loan funds available at participating institutions were $578.6 million.

The office of education pointed out that of the $550.6 million loaned in the first 17 months of the program, $44 million went to students who plan to become engineers and $5.1 million to those with superior academic preparation in science, mathematics, or a modern foreign language.

The office of education estimated that 65 percent of student borrowers in the first year 1959-60 plan to teach in public schools. Up to 20 percent of the loan money made available to these students will be discounted by the government if they teach.
Tech Bowlers Stop N. D.;
Tenggren Rolls 1103 Series

by Bob Hoffman

Volleyball Tourney Begins:
So. Dorn, Chem Eng's Win

The final round of the Intramural volleyball tournament was finished last Tuesday. The semi-finals are scheduled for March 23 and 26. On March 14 the P. E. Majors advanced to the semi-finals on a try. North Wing won on a forfeit by the freshmen. Science Majors and ROTC also advanced to the semi-finals on the freshmen's forfeit.


Tennis Team May Win,
But Need More Practice

Illinois Tech's tennis team will open the 1961 season with an away match at the University of Chicago on April 7. According to coach Phil Padwa, "The team is looking promising but definitely needs more practice. It's unfortunate that our first two matches are against two of the strongest teams on our schedule."

Last year's team posted a 5-7 record and finished third at the Chicago area tournament. Missing from that team is Bob Bollman, runner-up in the tourney's singles division.

Several lettermen from the 1960 team, Jim Carlson, Wayne Davia, Bob Fasbender, and captain Bill Choccola return this year. Also on hand will be transfer student Bob Golton, transfer student Bob Golton, number two man on DePaul's Chicago college championship team of last season. Golton won the number two singles in last year's intraleague tournament.

Right now, according to coach Padwa, "It looks like Carlson, Karlin, and Davis will all fill the top singles spots with Fasbender and Choccola furnishing valuable depth in two of the three lower spots. John Johnson is a member of the 1960 squad who appears to have the best chance for the remaining eighth spot. The top doubles team is not set but will be made up among Golton, Davis, Carlson, and Choccola."

Triangler Wins IF Ping Pong;
Skulls Second

Triangler Fraternity won their second consecutive Interfraternity ping pong championship by defeating Phi Sigma Sigma 3-2 in a closely fought battle. Triangler's doubles team of Cimbala and Fasbender established the pattern by coming from behind to defeat Bill Choalla 3 games to 2. Then Triangler Dave Choccola had the match by winning his number two match. Dick Hiltoning of Triangler won the number 3 match and Mike Gershman won the number 4 position tie. Triangler's doubles team of Cimbala and Fasbender then took the doubles after being downed by two games to one by a score of 6-2.

The Xi fraternity and Zeta Epillon Phi will battle it out for fourth and fifth place in the tournament.

The Tote Board

by Wayne Davia

Spring Has Sprung . . . .

Spring is here! The papers each day are full of reports of Major League exhibition games, while back on the farm here at Tech, our baseball team has begun its working out too.

According to the predictions of coach Ed Glancy, "The team won't equal last years' 13-5 effort, but could be fairly strong."

Rising from last year's squad will be hard hitting Bob Hiltz, last year's first baseman, and Bill Bahnman, captain of the 1960 squad.

With only about a week of practice so far this year, Glancy couldn't make any definite predictions but this is approximately how things look right now. Gene McHenry, a regular last year as a freshman, has the inside track as the starting catcher. Behind him are Joe Godfrey, Jeff Krause, and Don Kriemel. Dave McDonald probably will be the No. 1 pitcher with baseball Great Hittos' right behind him. Both are junior right handed. McGovern seems to be a strong finisher this year; after he shoes his wrestler's mat. Other prospects as pitchers are Martin Wengel and Ralph Larson.

In the infield, which Glancy figures to be pretty fair will be Dick Smyre at second base. Dick led Tech's team in stolen bases last year with 14. He is a good gloveman, but needs to improve his hitting. Joe Kloempker, a 400 student who played 2 years ago also is back this year.

This year's captain — Clark Kruysik — will be at the shortstop position. He is also a good gloveman. At third base, Bob Keller, last year's regular third sacker, and Bob Krit will be fighting it out.

Tech's first base position apparently will be filled by Don Cowenhoven, who played two years ago. Don may be switched to the outfield because of a big lack of outfielders. Other first base candidates are Les Morris and Fred MacMurray.

Met Eng's, Kool Gents
Lead AEPI Tourney Field

The annual AEPI basketball tournament starts next week. This tourney is open to any group of students, there is no departmental or social group classes.

This is a single elimination tournament. The first place team is awarded a traveling trophy. If a team takes the championship three years in a row, the trophy is retired. There is also a smaller second place trophy awarded every year.

There are 12 teams officially entered this year. Among the entries are the Kool Gents who have won the title two years in succession and are out to retain the trophy. They will be up against some of the best 1-3-1 and 1-2-1 teams. The Met Eng Blackburn, champions of the LAM league and Alpha Sigma Phi, the 1-2-1 Champions, will be the leading contenders. Alpha Epillon Phi, sponsors of the tourney and runners-up in the 1-2-1 tourney will also field a team.