Housing Figures Released
Campus Residents Increase

Although there has been a decrease in the number of undergraduates attending Illinois Tech as opposed to 1961, more students are living on campus than before. The dormitories are housing a capacity of 424 men, Carnan Hall.

At the beginning of the semester, 162 overload students were temporarily placed in the fraternity houses. Now that pledging has been completed, there is a total of 491 men living in the fraternities. This includes all active, pledges, and 58 overload students.

Many other students live in their own apartments not far from campus, and the rest of the student body commutes. About 53% of the day school undergraduate student body now lives on campus, and all housing facilities are full, but no date has been announced for the construction of the new dormitories.

Snake Dance and 21 Foot Torch
Will Begin Homecoming Ceremonies

Marty Schlick, Homecoming chairman, announced, "Plans for Homecoming are moving swiftly and smoothly." Schlick added, "The program for Friday, November 9, will feature a snake dance, the lighting of a twenty-one-foot torch to signal the start of Homecoming, the crowning of the Homecoming Queen, and open house parties in the dorms and fraternities. Saturday will bring an IFD-Dorn football game, tours of campus for alumni and guests, and the Homecoming dance."

Preparations

Elaborate Decorations

ARMF Opens West Coast Office in L.A.

Armour Research Foundation, an extension office in metropolitan Los Angeles which will serve as an operating base for ARMF's West Coast research and development work.

Both government agencies and coastal industries will use it as a liaison base for ARMF's Chicago-based scientists, engineers, and business executives. In all cases, clients will benefit from the consolidation of immediate and direct discussions of ideas, proposals, and problems face to face with Foundation personnel. Another service it will perform will be that of information center for acquiring government agency business firms, and industrial concerns on the Western seaboard with the board capabilities of the Foundation.

APO Book Exchange

All students who have not picked up their money and/or books from the APO book sale must claim them by November 2 or forfeit them completely. For this purpose, access #130 of the Hub will be open from 12:1 on Monday, Wednesday, and Friday.

At V-Day: Retaliauta Calls HUB A Uniting Factor

Grover M. Hermann Hall, the three million dollar student activity center, was dedicated last Saturday. The event highlighted the Visitors' Day program.

Grover M. Hermann, chairman of the board of the Martin Marietta Co. and chief contributor to the construction of the building, cut a ribbon at the 33rd and Dearborn entrances which officially opened the building. Following this, he turned over the keys to President John F. Retaliauta.

Dr. Retaliauta opened the general program with a speech on the importance of V-Day. "Preparation for tomorrow, an education at Illinois Tech." His speech, he stated, "Our theme...is particularly appropriate in connection with the dedication of this magnificent building...Grover M. Hermann Hall is a high function building for change that has already taken place in Illinois Tech's role as an institution of higher learning; it is a recognition of even greater demands which the immediate future will bring on us."

"Retaliauta went on to say, "More than any other single building on campus, Grover M. Hermann Hall stands for the integration of factors through which education at Illinois Tech serves as preparation for tomorrow. These factors, social and intellectual, cultural and scientific, national and world wide, present in existence and coming to being are focused here in a unique way."

He continued, "We call this a Union Building, indicating its purpose of serving many different groups and services. To my mind, the programs presently being offered on its facilities have given new meaning to what such a building can and should be in breadth of service. It points to the union of all aspects of modern life which must be oriented."

Who's Who Selects 22

Twenty-two of Illinois Tech's students have been selected for Who's Who in American Colleges and Universities.

Alphabetically listed below are these students, and some of their activities are attended by "Who's Who" Chair Jim Martin.

Charles L. Thompson, 4th year, IFC editor-in-chief of Illinois. Patricia Barlow is active on the PUB and on the student government as the President of the Student Government. Her excellent work on the student government and as the Director of Radio Station WIT.

Philip Calabrese has been President of the FCA and in 1961 was selected as the WIT student director. John Love in sports baseball and Tech News and Tech News and the student director.

ITSA Commuter Rep Position Still Unfilled

ITSA's Board of Control at its morning Wednesday evening meeting to extend the deadline for applications for the Independent Committeee Representative until the next meeting, November 7, because only one person applied and appeared for the position. The person interested in the position should submit a written application to the Board of Control for questioning.

It accepted the ACA report and approved the budget for the semester submitted to Board of Control. During the discussions, they rejected a motion made by Barry Martin, ICU and 12-7 Rep, to limit the publication of the publications to non-members or users. During the discussion of the question of the Board of Control to let it have supreme power in making all decisions, the proposed ITSA Constitution revisions were also approved and will appear in Tech News. The revisions will be voted on by the student body at a special election to be held November 7 and at which the House of Representatives will also be elected.

A discussion was held on the revise the procedures for nominating students for Who's Who.
UB Speaker Series Forms Slowly, Other Series Started

Illinois Tech's Chapter of the Society of Sigma XI has scheduled a very impressive lecture series for the coming year as can be seen from the story on page 4 of this issue. Page 3 informs the reader that the Political Science Department is planning what seems to be a fine lecture series also. (Its first lecture proved to be very interesting and timely.)

The Union Board is also planning a lecture series and was supposed to have been in the process of planning a series ever since the board was first reorganized. First they were lacking a Lecture and Debate Chairman, then no money was available for a series.

Early last year money was made available, yet no concrete plans were set because there was not enough time. Now, just since the Fall Conference an actual committee has been formed to study the different possibilities for a lecture series. Consisting of three students and three faculty members, this committee, chaired by Dean Mankowski, has met several times to formulate ideas.

The progress this committee has made, though not yet complete, is at least positive and better late than not at all. Tech News has been informed that the lecture series will be centered around a central theme with several speakers at various times to talk on this same theme.

They also plan to use the speakers that will be addressing other Chicago area colleges.

With two lecture series already scheduled, and in light of the fact that the Union Board's Concert Series will not be a financial success (the lecture series will be free) one wonders whether a third series is advisable. If it is considered to be so (which it will likely be) the Union Board's lecture series' theme should be of a general nature and controversy in appeal to a large number of people. It should also have a number of well-known speakers to attract a large audience. In the past not even of the school's sponsored speakers spoke to large audiences.

It is hoped the Union Board's lecture series will be one of the many events that are expected to fill the schedule for this semester.

Letters to the Editor

Dear George,

Homecoming on any campus is a major event and even though we are not fortunate enough to have a varsity sporting event scheduled with our homecoming we should all never-the-less lend our full support to it. ITSA and its Homecoming Committee have worked tremendously hard to present a well-organized program for both underclassmen and "alumni." The freshman will be presenting outstanding "alumni awards" to their alumni during ceremonies on the "quad" following their individual house dinners. ITSA intends to present an award to a very deserving alum during an impressive torch lighting ceremony on Friday evening.

Saturday with its full day of activities, including the football game (which the Transmission will watch), as well as the contests in the HUB, and house decorations, should be the start of a wonderfully pleasant weekend. It can only be this way if we receive all of your full support.

Though we were somewhat disappointed by the turnout of our students, we still intend to support homecoming and would like to encourage everyone to do so also. For unless this is tremendously successful we shall never have another one again. So, let us all come out and show Alums and the administration a real swaying time.

Sincerely yours,

The Stelis of Beta Omega Nv

George Hanover

New VP's Show Interest: Enthusiasm for School

A major overhaul of Illinois Tech's upper administration occurred recently. Two vice presidents and a new treasurer were appointed.

Three men, Martin Elliott, James Ritterskamp, and Robert Nelson, make probably the most effective group of working team this school has ever known. Together they relieve the President of many general, yet involved, problems of running a university. Separately, each in his own field is skillfully shaping Tech into one of the top universities in the country.

Although I have some contact with these men, I can hardly begin to know what their responsibilities involve. One common outstanding thing I have noticed about them is their interest in the student body. They always want to know what we are doing and, more importantly, what we feel about the things they are doing.

Another thing I noticed is the zeal they have for their jobs. They want to make Illinois Tech the best and have the ability to do it.

Elliott, Vice President in Charge of Academic Affairs, is handling a far-reaching program to advance Tech scholarly. He has many pokers in the fire "which are not ready for publication at this time."

Ritterskamp, the school's treasurer, is chief disbursing officer. Money is always a problem for a private school and wise budgeting of funds is necessary.

Parents Receive President's Report To Help Relations

A most important and unusual opportunity is being given to the parents of Illinois Tech. Copies of the 1961-62 Annual Report have been made available to the IIT Parents Association and are being mailed out to every parent of an Illinois Tech student. This marks the first time that the President's Annual Report has been made available to such a large public.

We of the Tech News Editorial Board feel that this is a positive step forward in the development of better relations between the university's administration and the parents. It is, also, another demonstration of how closely related the parents are to the school.

The report makes excellent reading, and we hope that every student will ask to see the copy that his parents receive. It will take no longer than one hour to read and is well worth it.

In the introduction the role of Illinois Tech is clearly and accurately stated in relation to the South side, the Midwest, and most importantly to the students the people it hopes to educate.

The significant and important events of the past fiscal year are presented in an over all view of the university and related institutions. New faculty additions and promotions are listed. Space is also given to the important honors that have been bestowed upon the faculty and the achievements in research that have been made.

Our attention was drawn to the foldout page which has an aerial photograph of the campus. Of the 46 buildings listed on the map, 80 per cent are new. This percentage is far better than most other schools in the country. New buildings do not completely make a good school. Illinois Tech has had impressive improvements in the quality of the entering freshmen class. Last fall 56 per cent of the class were in the upper 10 per cent of their high school classes.

The figures of the budget are astounding. The volume of research increased 31 percent over the 1961-62 fiscal year. This represents an increase over five million dollars. The list goes on and on, the result being that Illinois Tech has the third highest combined expenditures for education and research in the nation among all independent technological institutions.

After your parents have read the report we hope that you will find one hour and read about Illinois Tech for your self.

Technologies
**TECHNOLOGY NEWS**

**Intergal Cuts Deficit Thru ITSA Allocations, Student Bill Collections**

As of August 31, 1962, the total deficit shown on the school yearbook was $1,278.33. This figure is an accumulation incurred from non-payment of bills over the past four or more years. Some of this accumulation has been covered by special appropriations. ITSA is appropriating $118.22 toward the present deficit, and $2000 is being collected in bills from the past.

The present budget has been cut to a bare minimum. The total ITSA appropriation, including the deficit payment, is less than that allowed for either the 1961 or 1962 books.

To date, $1500 has been collected in past bills for space in the book. All of the rare facts and stories have paid their bills, and recognition is being withdrawn from those organizations which have paid or made arrangements to meet their obligations. This year, membership will be signed by the organizations for their space in the INTEGRAL. By using this medium, there will be no doubt as to what the organizations owe the INTEGRAL for space purchased.

The 1963 INTEGRALs and a few remaining 1962 editions are to go on sale soon in the HUB.

Seniors have not had their pictures made for the INTEGRAL until now. Seniors may make up for the lost pictures by Nov. 3. at Marshall Studios, 162 N. State St., between the hours of 9 pm and 6 pm, Monday through Saturday.

**TII: First Class**

Associated College Press announced this week that last semester's Tech News received a first-class honor rating. Don Holden was editor-in-chief of the paper.

ACP evaluates college newspapers across the country according to their layout, editorial content, news stories, features, and style.

**Open Rental Parking Lot To Residents**

As a result of resident hall student petitioning, the Housing Office recently opened a new fenced and locked parking lot on the corner of thirty-third and Walsh Aves.

The lot, costing over $3,500, was originally built for residence hall students, but there are only 31 of these students have requested space in the 115 auto capacity lot. Therefore, Harry Ault, Director of Housing, yesterday made this space available to fraternity members and apartment residents.

After November 1, the space will be granted to any Tech Center personnel requesting it.

The rental is $2 per semester; however, since it was opened late this semester, rentals will be pro-rated. Each occupant is given a key. A refundable deposit and a check for his windshield. Any auto found in the lot with out our stickers will be towed away at the owner's expense, according to Ault.

**ORGANIZATIONAL PLACARDS**

Start to fill walls of Bog. Nick Rizzo, campus carpenter, with plaudits on Triangle's Plaques.

**German Troupe To Play Epic Drama On Campus**

Westdeutsche Tourneetheater "da Schonpflug," a professional troop of West German actors, will give their only Chicago performance, a dramatization of Goethe's epic entitled "Hermann and Dorothea" in the HUB on Thursday, November 1, at 8:30 pm.

This epic is set against a background of the religious expulsions from Silesia in the eighteenth century. Dorothea, a Silesian refugee, and Hermann, a youth of the nobility, portray the problems of love which attempts to defy class barriers.

Pointing to the significance of this German language production, Dr. Fritz Richter, Illinois Tech professor of German, commented, "The plight of millions of refugees from East Germany and territories behind the Iron Curtain makes Hermann and Dorothea a particularly timely production."

Free tickets for these dramas may be obtained at either the HUB news stand or at the door.

**Relations To Luncheon**

Tech's Public Relations Department in cooperation with the ITSA Public Relations Committee will sponsor a public relations luncheon Tuesday, Oct. 30, 1962 at 12:15 pm in 301-303 of the HUB. Invited to the lunchden are the publicity chairmen of the various student organizations which may in the future have need for publicity type publicity.

According to Bill Anderson, ITSA Public Relations Chairman, the luncheon, is for the purpose of introducing to student organizations the services available to them from Illinois Tech's Public Relations Department and various techniques which will gain off-campus publicity. Several members of the PR Department's staff will speak on these subjects. It is hoped that this will facilitate communications between student organizations and the Public Relations Department.

A Tech News representative will also be there to answer questions on better communications between student organizations and the student newspaper.

**Teacher's Exam To Be Offered For Students**

National Teacher Examinations' applications for registration will be held on Saturday, February 16, 1963. The tests, prepared and administered by the Educational Testing Service, will be given at 300 centers throughout the U.S. and will cover Professional Information, General Culture, English Expression, and Numerical Reasoning, in addition to certain optional examinations.

Information may be obtained from the Dean of Students' office, or by writing to Educational Testing Service, Princeton, New Jersey. Students are advised whether they should take the examinations, and which optional examinations should be included. Applications will be accepted by the Educational Testing Service between November 1, 1962.
Writer Ponders War; Sees Death of Twist
by Louis Will

Thoughts from the mind of a mad columnist:

This is the month of halloween and the witches and gobins will be flying about in a few days practicing their black arts. This is the month in which men sometimes go mad. It is the work of the witches and her accomplices from the other world. They are sitting on my typewriter now, filling my mind. I am not responsible for what I write in this column this week.

You know what I am going to do if war ever comes to the shores of these United States? I am going to New York, climb to the roof of the Empire State building, and watch a nuclear missile come screaming toward me and that building. I shall be laughing. You see, I want to be doing. Can you think of a better way to go? A brave man is a coward because he is afraid to show fear. I wonder if that is why Patterson went to Listen. Will we ever really question why he went to Listen. Patterson is a brave man, a real hero because he cost me ten dollars. He wasn’t supposed to lose. I had the fix in.

For moving. Let us all now our heads and wipe our eyes and declare a week of mourning. The time is dying, it is not already dead. We will now sue a new national dance, but we, who know the past well, will not forget it. I am now taking donations to erect a monument to the twist.

Question of the week:

SONG OF THE OPEN ROAD
Open Nash

I think that I shall never see
A billboard lovely as a tree.
Indeed, unless the billboards fall
I’ll never see a tree at all.

PLACEMENT SCHEDULE
October 29, 1962
1. Industrials, Inc.
2.施肥 Cupid
3. United Air Lines
4. U.S. Naval Ordinance
5. Ferranti, Ltd.
6. E. I. du Pont de Nemours
7. Weyerhaeuser
8. Mergey
9. Merck

Tuesday, October 30, 1962
1. General Motors
2. Allegheny Ludlum
3. Oldsmobile
4. Procter & Gamble
5. Bethlehem Steel
6. W.E. Upjohn
7. General Electric
8. The Quaker Oats Company
9. North American

Wednesday, October 31, 1962
1. American Electric Power Service
2. Edgar Mann
3. Schenley
4. MAT
5. Dow Chemical
6. Bethlehem Steel
7. American Can
8. United States Rubber
9. Westinghouse

Thursday, November 1, 1962
1. American Electric Power Service
2. Edgar Mann
3. Schenley
4. MAT
5. Dow Chemical
6. Bethlehem Steel
7. American Can
8. United States Rubber
9. Westinghouse

Friday, November 2, 1962
1. Bethlehem Steel
2. MAT
3. Dow Chemical
4. Schenley
5. General Motors
6. USA
7. American Electric Power Service
8. Edgar Mann
9. Schenley

HORSESHOE FARM
102 Yeager Avenue, Little Falls, New Jersey
An Equal Opportunity Employer

IRC Hosts CCUN Confab

Illinois Tech’s International Relations Club will host a Chicago area conference of the College Union for the United Nations tomorrow at 10 a.m. in the Quadrangle Lounge.

Representatives from Roger, Northwestern, University of Chicago, Roosevelt, and Illinois Tech will attend the conclave, the purpose of which is to formulate plans for the CCUN for 1963.

Engineers & Scientists

Discuss Current Openings with RAYTHEON

CAMPUS INTERVIEWS
November 3, 1962
See your placement director now to arrange an interview with the Raytheon representative.

Raytheon offers challenging assignments for BS and MS candidates in EE, ME, Mathematics and Physics. Openings are in the areas of:

- Radar, Infrared, Missile & Space Systems, Communications & Data Processing
- Solid State, Sonar, Electron Tube & Components Technology
- Microwave Electronics, Manufacturing & Field Service Engineering

Facilities are located in New England, California and Tennessee. If an interview is not convenient on above date, forward your resume to Mr. G. W. Lewis, Manager of College Relations, Raytheon Company, Lexington, Massachusetts.

GENERAL PRECISION AEROSPACE

Your interest is enlisted in a scientific community entirely concerned with scientific and technical investigations, totally divorced from administrative and developmental duties. The Laboratory is located in suburban northern New Jersey—very close to the cultural center of New York City.

Studies will be related as closely as possible to urgent needs of government agencies, determined through personal consultation with their representatives. Within this context, doctoral candidates will find a wide latitude in utilizing and pursuing research programs under the technical direction of eminent scientists in a broad diversification of disciplines.

MULTI-DISCIPLINARY CONCEPT OF RESEARCH AT THE CENTER

While primary emphasis will be given investigations relating to guidance and control of upper atmosphere and space vehicles as characterized by a program to provide essential internal guidance for a mobile mid-range ballistic missile, applied research will be conducted in the following fields:

2. Solid State Physics, Electronics, Optics & Infrared
3. Astronautics & Suborbital Mechanics
4. Organic, Inorganic, Physical & Polymeric Chemistry
5. Metallurgy & Casting
6. Material & Earth Sciences

OBTAINING RESEARCH ASSOCIATES

Under the direction of the Research Director, Dr. R. G. Langford, a prominent scientist, founder member of the American Nuclear Society and technical advisor to the U.S. Government, a staff of recognized authorities in diverse disciplines is being gathered at the Center.

Inquiries are invited from Doctoral Candidates interested in stimulating association with accomplished scientists in their field. Write in confidence including area of thesis concentration or publication to Dr. R. G. Langford.

A Principal Scientist From General Precision’s Research Center will be ON CAMPUSE
November 8
Ask your Placement Director to arrange a convenient appointment for you.

RATIONAL DESIGN

A new word in engineering design today is the concept of rational design. This concept is gaining acceptance in industry and government where it is being shown to result in savings of time and money. In the search for a rational approach to the problem of design, the engineer is faced with a number of questions:

1. What are the most important factors to be considered in the design of a particular system?
2. How can these factors be integrated into a single, comprehensive design strategy?
3. How can the design process be made more efficient and effective?

To address these questions, a new approach to design is being developed. This approach, known as rational design, is based on the principles of systems theory and is designed to provide a framework for the systematic analysis and synthesis of complex systems. It seeks to address the problem of design from a holistic perspective, taking into account the interdependencies of various components and subsystems.

RATIONAL DESIGN has been shown to result in significant improvements in the efficiency and effectiveness of the design process. By providing a structured approach to the design of complex systems, it enables engineers to make more informed decisions and to achieve better outcomes. It is becoming increasingly recognized as a valuable tool in the field of engineering design.

The following are some of the key benefits of rational design:

1. Improved decision-making: Rational design provides a structured approach to the design process, enabling engineers to make more informed decisions and to achieve better outcomes.
2. Increased efficiency: By providing a systematic approach to the design of complex systems, rational design can help to reduce the time and cost associated with the design process.
3. Enhanced innovation: Rational design encourages creativity and innovation by providing a framework for the systematic analysis and synthesis of complex systems.

RATIONAL DESIGN is a powerful tool for the modern engineer. It offers a structured approach to the design of complex systems, enabling engineers to make more informed decisions and to achieve better outcomes. It is becoming increasingly recognized as a valuable tool in the field of engineering design.
British Consul Tells Of The Diplomats & Their Problems

Andrew Gilders, Consul General for the Chicago British Consulate since 1960, spoke to about 100 students on Wednesday at 1 pm in the HUB on "The Diplomat and His Problems."

In his very objective speech he asserted, "As with magnetic polarity you get two poles, so with the power of the world you will always get two factions neither of which may be wrong. Even if communism didn’t exist, the cold war would continue, and the larger populations of the world will continue to be judges in their own cause.”

Other points in his speech were diplomats must be free from illusions; he must look deep behind the current issues to seek a solution; because of modern communications the importance of the diplomat is becoming less and less, but it is still his responsibility to present clear reports to his superiors, and to help ease tensions to avoid catastrophe will happen.

On December 3, at 1 pm in M. Jean Biliard, French Consul General for Chicago will present a lecture in the HUB.

WHAT PUT IT ON TOP?

Flavor! Full flavor in a filter cigarette.
That's why Winston is America's best-selling filter cigarette! Next time, smoke Winston.

Winston tastes good like a cigarette should!

ARF Practices Ancient Art; Employs Glass Blowing Shop

by Edward Minnich

The ancient and almost extinct art of glass blowing is still very much alive on the Tech campus. Professional glass blowing, which thrived during the Middle Ages, now has only slightly more than six hundred practitioners in the United States. Two of these six hundred are located in the glass blowing workshop sponsored by ARF in the basement of the Chemistry Building.

ARF maintains the glass blowing workshop so that it can easily obtain the odd shaped, one-of-a-kind pieces that it needs to carry out experiments. The Chemistry and Physics Departments, IOT, and AAR also take advantage of the services of the workshop. The pieces produced by the shop range from small, inexpensive items requiring only a few minutes to shape to elaborate precision-made vessels which are worth as much as several thousand dollars.

Form Parent Association To Encourage Participation

by Louis Wills

Parents of the students at Illinois Tech have organized an association in which the parents are automatically enrolled.

According to Mark Baiter, the executive secretary for the Association, some of the parents met during the summer and formed the Illinois Tech Parents Association. But the idea for the association began even before then. The parents who worked on the 1962 Parents Day Committee felt that all the parents would like an association which would give them an opportunity to participate more in the activities at Illinois Tech. They began organizing the Association after they had finished their work on the 1962 Parents Day. The organization was completed during the summer.

Officers Announced

The officers are: Mr. Isadore Gross, president; Mrs. Edward J. Smith, secretary; and committee chairmen are Mr. and Mrs. John M. Gruvender, public relations; Mr. and Mrs. Francis W. Rieke, student recruitment; Mr. and Mrs. Anthony H. Speth, Parents Day; and Mr. and Mrs. Earle G. Husch, Visitors Day.

The objectives are to acquaint parents with the history, present objectives and future goals of Illinois Tech, to provide parents the opportunity for participating in the affairs of Illinois Tech, and to encourage parents to promote the general welfare and advancement of Illinois Tech.

Mailing Sent to Parents

Letters have been mailed to all the parents informing them of their membership in the Association. According to Baiter, there will be increased mailings to the parents with special notices for them. He also said that the school, for the first time in its history, has all of the parents on an addressograph mailing list.

Although Dean Hogan and Bates participated in organizing the Association, he felt that the Association was entirely that of the parents.

Baiter said that, "The parents themselves want to come up with some ideas on how they can participate more in all of the activities at Illinois Tech."
Kaiser's Column

Kaiser Explains New Constitutional Revisions

by Norb Kaiser

During the May election ITSA put to ballot the constitutional revision which was defeated by a handful of votes. At that time the proposal may have been a bit premature and ambitiously presented.

At our Fall Conference this year, we went over the revision with a "foot-todog's comb" to eliminate all the bugs and incorporate the provisions in election terms of ITSA Board members system and an efficient Board. Under the new system, budgets will be presented for the '63-’64 year by March 1, 1963. The new plan will allow ITSA to present their budgets at the same time as every other organization and department at Illinois Tech, instead of during September when it is too late due to the fact that the school's budgeted amounts have already been allocated at this time.

The revised constitution will also result in a smaller Board of Control which would eliminate double representation of groups, and which would allow ITSA to function more efficiently.

Therefore, I urge you to vote at this election for the revision which will be brought to ballot at the same time as the Homecoming Queen election during the second week of November.

In my last article I appealed to you on behalf of the ITSA Board to vote against ballot for Homecoming. If you haven’t done this yet, I once again appeal to you to do so. I urge your sincere support of this weekend.

Norb

Activities

Young Republicans Club

The Young Republican's Club will meet on Monday, October 29, at 3 pm in room 304 in the HUB. The topic for discussion at this meeting will be “Safe Guarding the Budget Box.” All students are welcome.

Newman Club

Dr. Arthur Krol, D.D.S., will address the Newman Club on Wednesday, October 31, on "The University and Professions and Life." This lecture will replace the scheduled discussion group.

First Friday Mass, sponsored by the club, will take place in the St. Saviour Chapel at 12:10 pm, and confessions will be heard before Mass for those wishing to go to communion.

Math Club

Mr. James Penigrew, Illinois Tech graduate student, will give a talk for the Math Club on Tuesday, October 30, at 4 pm, in room 108 C. The title of the talk will be "Partially Ordered Abelian Semi-Groups and Equivalence Relations for an Abelian Semi-Group in Terms of an Invariant Operation." Coffee will be served at 3:30 pm, before the talk in the conference room of the HUB.

A PROY

A PROY's annual Winter Dance will be held at the Fifth Army Officer's Club. The dance, which is semi-formal, will take place on November 17 at 9 pm.

SPFR Meeting

"Airport Fire Protection" will be the topic for discussion at the Thursday, November 1 meeting of the Society of Fire Protection Engineers at 12:45 pm. The meeting place will be announced in a special notice. Speakers for the occasion is Chief Joseph T. Diehm, a veteran of 15 years with the Chicago Fire Department, who is now in charge of fire defense at O'Hare Field. Also scheduled for the November meeting is the presentation of the award to the outstanding fire protection student of last year's freshman class.
Painting, Sculpture Exhibition
By Wieghardt & Bar in HUB

by Mel Skwarz

Two outstanding artists are currently being featured by joint exhi-

bitors in the HUB: they are the husband and wife team of Paul

Wieghardt and Nelli Bar. The exhibit, consisting of 18 draw-
ings and 20 oils by Paul Wie-

ghardt and 15 pieces of sculpture

by Nelli Bar, is presented by the

Exhibition Committee of the

Union Board. It opened October

1 with an evening reception at-

tended by about 200 of the Wie-

ghardt’s friends and will continue

to October 31.

Paul Wieghardt, who teaches

life drawing to sophomore architec-

tural students at Illinois Tech, is

also Professor of Figure

Painting at The School of The Art

Institute of Chicago. He joined

the Art Institute faculty in 1946

and added his Illinois Tech duties

in 1950. The same year Miss Bar

began teaching life drawing to

freshman architectural students.

In addition, Miss Bar teaches at

the Art Institute and in 1957 she

became a visiting instructor of

sculpture at the University of

Chicago.

Studied in Germany

The Wieghardts were born in

Germany—Paul Wieghardt in

1897 and Miss Bar in 1904. They

both attended the School of Fine

Arts in Cologne. Wieghardt from

1920 to 1923 and Miss Bar from

1923 to 1926. Wieghardt studied

with Paul Klee at the Bauhaus in

Weimar in 1923-24, and then

went to the Academy of Fine Arts

in Dresden in 1923, where he was

joined a year later by Miss Bar,

and from there they both re-

ceived their certificates of honor.

Finishing their studies at Dre-

sden, they both moved to Paris in

1915 where Miss Bar studied for

a time with Mailldt. The Wie-

ghardts married in Paris in 1933,

and lived, worked, and ex-

hibited in the French capital until

1939. During this time they had

and traveled extensively in

Sardinia, on the continent, and

in England. They moved to the

United States in 1940 and be-

came citizens in 1946.

Abstract Figures

Wieghardt’s paintings have an

air of monumentality. Though

sometimes abstract, figures are

almost always recognizable in his

paintings, and these figures seem
to be alert and passive as if they
were waiting for something to oc-
cur. He always starts a painting
with a specific idea in mind, har-
bors working on this idea either in
drawings (his series “Earth” is a
fine example of his preliminary
drawings for his final painting
“Earth”) or on a smaller painting.
He often will return to a finished
painting and change areas on it
in order to achieve his ideas if he
is not satisfied with it.

“Mysterious Blue” is an unusual
painting for him, though the fig-
ures are visible, it was done with
large and soft brush strokes not
seen in most of his other paint-
ings. Here he tries to achieve the
action of the abstract expression-

ists. Though the titles for his

paintings are sometimes historical

and mythological, they don’t al-

ways reflect the meaning of the

painting.

Proper Artistic Expression

Miss Bar’s sculptures reflect an

artist who with every piece of
work tries to achieve the proper
artistic expression appropriate to

the material she is working with

because as she says, “Every ma-

terial requires a different appor-

tach and then by working with it

creatively one grows constantly.”

Some of her work is said to

resemble that of Henry Moore’s,

but she feels no kinship to him

although she admires him as a

great artist. She finds it a “diffi-

cult thing to catch a personality

in a portrait of a person or to do

a free problem in emotion and

expression” as can be seen in the

differences between “Reclining

Woman” and “Artemis” and “In-

dian Women” and the female

“Heads”.

Numerous One-Man Shows

Wieghardt has had many one-

man shows in Europe and

America, and is represented in

major museums and private col-

lections including the Albright

Gallery; the Metropolitan, and

the Birmingham Museum.

Both exhibit in the Kemper

Gallery of the Art Institute and

had their last one-man show here at

Illinois Tech two years ago in

Crown Hall. This current exhibi-

tion of their work shows why both

are highly regarded as fine artists.

WHO’S WHO

Cont’d from page 4

active in Varsity, IP, and IM sports.

Bob McCoy has served as

vice-president of the Union Board and

as Chairman of the UB Movie

Committee. GPA 3.73. Stephen

Nugent is the captain of the Vary-

sity wrestling team on which he

has participated for four years.

Carol Robinson is secretary of

the Senior Class and has been

president of ITWA. Dale Rollison

has served on the Intramural staff,

the Student Senate, and the staffs

of Listenings and Tech News.

Harold Steadman is president of

IFC, and a member of the ITUA

Board of Control.
Sigman Xi Begins Lectures
Nobel Prize Winners Speak

Sigman Xi's annual public lecture series this year will feature Dr. Clifford Trudell, Dr. George Beadle, Dr. John Kulp, and Dr. William Shockley in its coming lectures, emphasizing the research capabilities of the Midwest.

This year, the lecture program was initiated by Dr. Albert V. Crowe, director of the Argonne National Laboratory, speaking on the new high energy particle accelerator nearly completed at Argonne.

Dr. Trudell, professor of Nuclear Physics at the University of Chicago, will be the first to speak. He will lecture on November 16, at 8 p.m., in the Siegal Hall auditorium. His topic is, "The History of Mechanics."

A Nobel Prize winner in medicine, Dr. Beadle will have the next lecture, on February 15. Dr. Beadle will speak on genetics research.

On March 22, Dr. John Kulp, Sigman Xi speaker, will speak on the earth sciences, and their relationship to the tools now being used at the Argonne.

Dr. Shockley, Nobel prize winner in physics, will use his theme the link between industry and the sciences. This lecture is scheduled for April.

On Campus

High Test, Low Test, No Test

Just the other night I was saying to the little woman, "Do you think the importance of tests in American colleges is being overemphasized?" (The little woman, incidentally, is not as fat as you might think, my wife. My wife is from far away. She is, in fact, almost seven feet high and heavily muscled. She is a full-blooded Chinese Apache and has a harmonica record."

The little woman (with some justice, I think) retorted, "Yes, I have explained, the little woman does not speak, so we have conversations, I am forced to do both parts."

Our future is in the hands of men not yet hired

At Western Electric we play a vital role in helping meet the complex needs of America’s vast communications networks. And a career at Western Electric, the manufacturing arm of the nation-wide Bell Telephone System, offers young men the exciting opportunity to help us meet these important needs.

Today, Western Electric equipment reduces thousands of miles of service in a fraction of a second. Even so, we know that our present communications systems will be inadequate tomorrow, and we are seeking ways to keep up with—and anticipate—the future. For instance, right now Western Electric engineers are working on various phases of solar cell manufacture, miniaturization, data transmission, telephones, electronic central offices, and computer-controlled production lines—all to name just a few.

To perfect the work now in progress and launch many new communications products, projects, procedures, and processes not yet in the mind of man—we need quality-minded engineers. If you feel that you can meet our standards, consider the opportunity offered by working with our company. In a few short years, you will be Western Electric.

Western Electric

(The text continues with various advertisements and articles.)
Centre Stage Holds Audition, Selects Cast

Audition results for Bernard Shaw's comedy "Too True to be Good" were released by Harvey Loomis, director of drama at Illinois Tech.

Playing the leading roles will be Pearl Romner as Mopsey, Liz Levy as Sweetie, and Craig Wayrizer as Popsey. Other characters will be Susan Bach as the Microbe, Mary Drain as Mrs. Mopple, Harold Cauth as the doctor, Mel Zabicki in Colonel Tallboy.

"Too True to be Good" will be presented on December 4 and 5 at 8:30 pm in the HUB auditorium. It is one of Shaw's most delightful roles. He takes three young people on a long journey in search of a charming good time. On the way, he manages to pause long enough to explode a few popular delusions. Tickets will cost $1 and will go on sale December 1.

'Living Desert and 'Quo Vadis' Presented as Weekend Films

The Living Desert and Quo Vadis will be the Union Board movies for this Saturday and Sunday night respectively.

Saturday, October 27, Centre Cinema will bring to Technology Center Walt Disney's The Living Desert. This true life adventure is a triumphantly beautiful search into the true meaning of the great American desert. There will be two showings—continuings from 7 pm in the HUB auditorium.

Sunday night's Classic Cinema will feature Quo Vadis starring Robert Taylor, Deborah Kerr, Peter Ustinov, and Leo Genn. In one of the most lavish and expensive spectacles ever made, Robert Taylor as Marcus Vincio, an aristocratic Roman Legion commander, falls in love with a beautiful Christian girl, Lygia (Deborah Kerr), and drops into the disfavor of history's most fiascally corrupt rule—Nero's

Reveal Prizes For Viceroy Football Race

Tech Hawk Paul Weaver is the winner of the $100 cash prize in last week's Viceroy College Football Contest, which was based on 11 games in this area.

Other winners in the contest were John Hughes, who will receive the $55 prize, and Larry Bacon, Steve Boeke, John Byrns, A. Douglas, Dick Edlington, Nick Mushewa, Dick Mertels, Ray Van Dyke, and Ken Wellman who will all receive $10 awards.

Four separate contests are being sponsored by the manufacturers of Viceroy cigarettes.

SUE BACH, REPORTER for Tech News, gives smile of approval for her copy of the newspaper.

ELECTRONICS ENGINEERS & PHYSICISTS.

If space is your future, your career is with Hughes

IN ASTROSPACE IN AEROSPACE IN TERRASPACE IN HYDROSACE

As far back as 1940, John V. Weaver visualized man's need for space to grow food. Today—72 years later—Hughes offers you the opportunity to play an important part in meting this actual conquest of space.

Help us outfit this great new field with the most advanced equipment available. Whether it's construction of satellite surveillance or development of experimental communications satellite systems, or flight research of a new type, there is a job for you in our Auburn, C. A. laboratories.

V. I. E., M.S. and Ph.D. scientists in a long line of accomplished engineers and scientists are contributing to Hughes' progress in all phases of space development.

CAMPUS INTERVIEWS November 5, 1962

Hughes artists and scientists will interview the student body of Illinois Tech and offer career advice. At the same time in College Union Dining Hall, Fred Augustus, Chicago's top executive, will hold a reception for Hughes people and Illinois Tech faculty and students.

Hughes Aircraft Company

**Smoky Joe's News & Boys' Year 1211 S. Indiana Ave. Chicago, Ill. 34**

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Harriers Edge Elmhurst While Dropping Three

The Illinois Tech cross-country team brought its season record to 3-5 Saturday as it beat Elmhurst and lost to Wheaton J.C. Although Tech had beaten Wright for 4 straight years, Wright came up with a group of freshmen on their way to beat Elmhurst 17:38. Wright, paced by Joe Prusz's record breaking 14:30 for Tech's 2.9 mile course, took 1-3 as well as 5 and 6 places in the meet.

Despite fine performances by Elmhurst's Don Sinclair and Art Rock, Tech edged Elmhurst 26-29. Captain John Love finished first for Tech and eighth overall in 15:45. Although Maltese has yet to beat Love this year, he has been edged out by a total of seven seconds in the last three meets. Junior Rich Paul, finally rounding into shape, was closest to Love at 15:44 followed by freshman Steve Husp in 15:47. Fifth for Tech was Brian Glazeter in 16:08. Even though the harriers only had five men running, the improved performances of Paul, Husp, and Glazeter led to the defeat of a strong Elmhurst team. Tech meets Wright again next Tuesday at Rill Park at 4:00.

Tuesday's Meet

Illinois Tech dropped a triangular meet to the Chicago Mills and Valparaiso. As Valparaiso, as Valparaiso took six of the seven spots. Karl Pendelton nosed out a Valparaiso Team-mate Bert Perrin, to win in 15:43 for the three mile course. The meet was run on the hilly Montrose course in a stiff, 40-mile wind.

Finishing first for Illinois Tech was freshman Ross Glazeter, who took the No. 1 spot after finishing second in the meet. Glazeter, running by far his best race of the season, turned in a 15:46 second. John Love and Chuck Maltese were close behind in 16:34 and 16:40. Rich Paul and Steve Husp weren't far behind them to finish the scoring for Tech. Ralph Larson and Ted Petrovich rounded out Tech's team.

Nick Mathes Readys for shot as Ed Vaisan and Dan Benecher prepare for rebound.

Varsity Bowlers Open Sunday At Valparaiso

The tryouts for the varsity bowling squad have completed and the following men are representing Tech for the 1963-64 season. Jack Bequest, Dan Burski, Jack Czernik, Phil Cramm, Carl Larson, Warren Repka, Brian Seeman, Carl Schutt, and Ray Smith. Carl Schutt, captain for this season, has announced that the season will begin next Sunday at Valparaiso on Sunday, October 28. The following match will be an away match at St. Louis.

Swimmers And Wrestlers To Start Monday

The Illinois Tech varsity swimming and wrestling teams will both begin practice next Monday afternoon. All men not signed up by now may do so by showing up for the practice sessions next week. Both squads are a little short of men currently and would welcome any new members.

The swimmers will work out at Valentine's Boys Club at 3400 South Franklin at 3 on Monday, Tuesday, and Thursday afternoons. The team will be coached by Ted Erickson and captained by Bill Busch. The first meet of this season will be December 4, against Wright.

The wrestling squad, under Coach Tony Barboza, will work out at 4 every Monday, Wednesday, Friday, and Saturday at the temporary gym. Captain Steve Negent will be leading several returning letter-winners back from last year's 3-3 squad.

Delta Tau Delta retained its IF tennis title for another year, as it needed only one singles win to win the doubles. Phil Kuppa, Phil won the third flight singles to give them enough points for the number one singles.

Viceroy Football Contest 2

Win $1,000 First Prize, $250 Second Prize, $100 Ten 3rd Prizes

For each correct answer send your name, address and telephone number. No others will be acknowledged. Official rules are found at your Union Candy Counter.

Sweepstakes Entry Blanks are located at:

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Enter now and win!

Not too strong... not too light... Viceroy's right for you. That's right!

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