Andy Powell to play Friday for Tech Ball

Techorama Ball will be held this Friday, April 28, in the Louis XVI room of the Sherman hotel. Bids are on sale in the Student Union lobby during every free hour. Table reservations will also be sold for those who cannot come in person. The cost is $35 per person or $70 per couple.

Miss Galaxy candidates visit campus

Saturday morning, the Miss Galaxy candidates visited Illinois Tech and were shown around the campus, and several Tech students, who passed with them for socials and activities, were also on the campus.

A 14 teachers protest new ID director

The faculty of the Institute of Technology have been protesting the decision to replace the former ID director, Mr. C. J. Bonfield, with a new director, Mr. W. H. F. J. Brandt. The protest was initiated by a group of teachers, who met to discuss the issue and decided to take action.

Constitution change voted at meeting

The Board of Governors of the Institute of Technology has voted to change the Institute's constitution. The changes, which were proposed by a committee of faculty members, include revisions to the by-laws and the creation of new committees.

First all-class auto show at Techorama

Among the many attractions that will attract visitors and Tech students to Techorama this year, one of the highlights will be the first all-class auto show. The show will feature cars from various eras and models, and will be a great opportunity to see a variety of vehicles.

Phi Kappa Sigma sings way to first place

Phi Kappa Sigma, singing "Master of Human Destiny," was awarded first place in the Interfraternity Sing last Sunday night. Second place went to Delta Tau Delta, with Tau Kappa Epsilon coming in third.

A special evening of the IV Sing Competition was held last Sunday night at the Orpheum Theatre. The event was a great success, and the performers were praised for their talent and efforts.

TECHNOLOGY NEWS

Vol. 37, No. 17

April 28, 1955

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Institute of Design faces destruction of philosophy

A new building is being built to house the Architecture, City Planning departments as well as the Institute of Design. Will there be an Institute of Design, as well as the staff will be present but where will the throbbing heart, the very nucleus, be. An empty shell will occupy the lower realms of the new building.

Is the ghost of the old neera building haunting its evil spirit over the new building, being built on its grave, by dissipating the student body? The Institute of Design, at present, is a dynamic pulsating unit. It functions expressly for the purpose of integrating art and technology.

When design is put on the dollar and cent level we produce degenerate designers who are shallow and superficial. Thus distilling the life of the nation's indigenous mind and aspiration—since the nation is an expression of the plans of the designers in very field.

What is happening to the Institute of Design? A shrinking idealism of the static body constituting Illinois Institute of Technology. The spirit is dissipating into this air. Why? It is not because the Institute of Design is not worth pursuing. Nor is it because they may be surrounded by ideals that have nothing to do with their life. The reason is because they are forced to conform to what they don't believe; because they individuals, the freedom is being torn away; because they are being squeezed into the mold of the dollar and cent form.

The educational philosophy as practiced at the Institute of Design is training designers for people. They wish to remain free of just Mr. Jones's eye and agree to use the tools of the trade. The student's freedom is being taken away. The question is: Is this the right path for the student to take?

A. Einstein, '79-'55

by Dr. Paul L. Copeland, Chairman of the Parisien Art. This week we have seen the passing of a man whose work has profoundly altered the content of all higher education. And of technical education in particular. Educators may everywhere regret the passing of Albert Einstein, and I wish to reflect on achievements which he has so greatly enriched the world. As a publication representing IIT, Technology News, I publish this brief commentary in the influence of the man who was generally recognized as the leading exponent of physics as it developed in the first half of the present century.

It is the lot of few men to make contributions which are basic to a given field, and which, therefore, initiate active and enduring developments. The career of Einstein is quite unique in that he made contributions in several separate areas which would have been sufficient to establish his reputation as a leading physicist.

One of the start of his scientific career in the single year of 1905 established the foundations of quantum mechanics. From this foundation he developed the concept of the photon, which is now our basic element of light. The concept of the photon, which he developed in 1905, is basic to the development of the hydrogen model of the atom. It is this connection that the celebrated Einstein is credited with.

However, his work was only the beginning. In 1915, he published his general theory of relativity, which is regarded as one of the greatest contributions of all time to the theory of physics. This theory, which was published in 1915, is based on the principle that gravity is due to the curvature of space-time. It is this theory that has led to the development of modern physics and continues to be one of the most important contributions of all time.

In subsequent years, he developed the specific heat of solids and developed a system of using sound waves which are applicable to light quantum.

In the last years of his life Einstein's scientific efforts were limited to the most fundamental aspects of general field theory. As one of the world's foremost physicists, his ideas have influenced the teaching of physics in this generation. He was a man of culture with artistic tastes. He was a citizen with a vital interest in world problems. The rise of Hitler to power in Germany made it necessary for him to leave his native country. His distinguished representative of the Jewish gift to seek a home where he could work and live. The United States accepted him and spent the final decades of his productive life on the staff of the Institute for Advanced Study at Princeton.
Jean Staken proves coeds can succeed

by Feature Staff

I'm sure that everyone is familiar with our "Gal of the Week." She is Jean Staken, a 6th semester H.E. Jean is a native Chicagoan, who graduated from Aquinas High School in 1952. While at Aquinas she was not too active, but upon her entry at Tech she decided to participate in every possible activity.

Since her arrival at Tech she has dedicatedly accomplished all objectives. She is currently a member of Kappa Delta sorority, TTSA, Tennis Club, TTWA, He-Club, Intercollegiate Tech News staff, the 3rd International Club, and Rho Omicron. It is Jean's belief that more coeds on our campus would improve Tech considerably. Although, as she pointed out, more needs could create new problems. I'm sure that every Techman will agree with Jean on at least this one point.

Sports interest Jean very much. She is both a participant and a spectator. Not infrequently are basketball, bowling, fencing (strange, isn't it?), and running seen together. Apparently isn't an athlete in addition to her scholastic and social accomplishments.

Our Home Ec department is one of the best, said Jean, "we have large labs, small classes, new equipment. Just plenty of help from the instructors. I think this year and the improvements in the neighborhood should be stressed when soliciting cora for the fall semester. They should also be included in any that they provide if they so desire, go into recruiting fields. The girls in the local high schools should be approached early enough to give them ample time to choose their school. The new liberal arts building, when it is completed, will be a big drawing card for most everyone.

"The campus condition has improved tremendously in the past few years, but is still a long way from being a 'safe' place to live. Students coming to Tech must either adjust to the conditions or remain indoors all night for their entire stay."

As a part of interest in all potential expenses, Miss Staken, who survived college with her mother in apartment 302, Clemson Hall, is moving to Haley Hall just after Thanksgiving.

Jean Staken

For more pure pleasure... SMOKE CAMELS!
No other cigarette is so rich-tasting, yet so mild!

R.S. No other brand has ever been able to match the pure pleasure in Camel's exclusive blend of costly tobaccos—one of the reasons why CAMEL is America's most popular cigarette!
Expect to finish nuclear reactor work by January

by Alan Kalinawsky

America's first nuclear reactor designed for private industrial research is being built for the Armour Research Foundation by North American Aviation. Construction began about March 15, and completion is scheduled for the end of this year. The reactor will join ARP in financing the reactor and associated equipment, which will cost approximately $500,000. The reactor will be a part of the new research building to be located near 39th and State, and it will be under the supervision of the nuclear physics section in the ARM Physical Research Department.

Chamberlain, director of ARP, Dr. Richard F. True, a member of the Nuclear Physics Department, and Dr. Leonard Belcher, associate of the Nuclear Physics Department, are particularly concerned with the nuclear reactor and its equipment. The research project is a joint one, conducted by ARP and sponsored by the Illinois Institute of Technology.

Although the ARP reactor is an expensive and impressive project, it is, nevertheless, a research development. It is designed specifically for the purpose of expanding the research on reactors themselves.

ARP’s reactor will be available to all industrial and government sponsors wishing to undertake work on nuclear research. Capable of operating at a power level of 50,000 watts, the reactor will produce neutrons and gamma radiation for research and development in the fields of biology, metallurgy, food processing, electronics, chemistry, studies of liquids and gases, rubber, leather, machinery, building materials, and allied industrial and scientific pursuits.

The reactor will be located in a room about 16 feet long, 12 feet wide and 20 feet high. Additional space will take place in the reactor building, which is in the neighborhood of about 14 feet long and 10 feet wide. In addition, a small area, not more than 10 feet long, 10 feet wide, and 10 feet high for the irradiated reactor structure.

ARP will be held accountable for its use and disposal. Disposal will take place after the reactor is removed. The fuel will be disposed of by the established safety standards of the Atomic Energy Commission. The reactor building will be designed to meet all safety standards set forth by the Atomic Energy Commission.
Exhibits, displays
to dominate campus

As in the past, the last two days of Technorama are devoted
to the open house exhibits and displays. These days,
this year, are Friday and Saturday, May 6 and 7. The exhibits
will be open daily to the general public from 2 p.m. until 8 p.m.
and will be dispersed over a large part of Technorama's campus.
The language, literature, and philosophy department will
present a series of lectures, pictures, and phonograph records
showing the role of language and literature in our modern
world.

Armour Research Foundation will present exhibits by the
nine departments under its control, including a model of the
first modern exhibits for industrial research plus displays of
metal, ceramics, and sound recording equipment.

Business and economics department will present an ex-
dhibit designed to better acquaint the general public with the
world of stocks and bonds, and will include demonstrations
and examples of the stock market and its facilities.

Chemical engineering department will attempt to orien-
tate the population to the various phases of industrial chemi-
ical processes by means of displays in catalysis, instrumen-
tation, and chemical transformation accompanied by appropriate
literature.

Fire Protection and Safety engineering department will present
an exhibit designed to familiarize the public with the work
accomplished in this field and with demonstrations of fire haz-
ards, safety devices, and modern fire fighting techniques
involved with common electrical appliances.

Food Engineering department will present demonstrations of
ice cream machines and present demonstrations of

Industrial Engineering department will feature a scale model
of an operating plant and will also show examples of product
ivity and production control in addition to lactose and enam-
ol and tool engineering.

Electrical Engineering will show movies from 2 p.m. to 6 p.m.
and computer sessions from 6 p.m. until 10 p.m., in regard to visual
design, still design, photography, education, and build-
ing research.

The Mechanical Engineering department will present displays illustrating tasks of the engineer,
including turbines, steam engines, and internal combustion
engines.

The Air Force ROTC exhibit will feature a demonstration of a
NLR-1 Interceptor, a Miles radio station,
and present an recent model jets.

Physical department will show the principles of jet propulsion,
high altitude sound, radiosensitivity, and cold storage in ancient
just a few of the variety of ex-
hibits that this department will offer.

Eastman for Psychological Services will show the equip-
ment and techniques used to reading service, a demonstra-
tion of IBM keyer machines,
and a person's bony work up.

Home Economics department will present techniques of house
management, color charts, and a clothing and textiles exhibit
among many other interesting displays.

The demonstration of a 1/4-

scale model of the exhibits presented by the elec-
tricity, engineering, and physics department. Many other displays in connection with electricity will also be shown.

Exhibitions of mathematical theories and principles will be featured in the mathematics exhibit.

The Civil Engineering department will display a concrete
diving board, sewage treatment and a model railroad track.

Exhibits of housing redevelopment

and rehousing of cities along with the use of brick, wood, and
concrete in construction will highlight the architecture exhibit.

The Naval ROTC unit will present an exhibit of guns, anti-
aircraft, warship demonstration, navigation, and damage
control.

Chemical reactions will be featured in the exhibit of the Chemistry department along with a chemical magic
show.
Tech overpowers Kalamazoo 10-4

Sailing club finishes third in week-end meet

On Saturday, April 16, the Illinois Tech sailing team took third place in a meet with Purdue, Northwestern, and the University of Chicago. Northwestern was first with 19 points, Purdue finished second with 17 points, Tech was in third with 15 points, and the University of Chicago finished last with 13 points. No points were awarded for places. Unfortunately, the Tech boat finished last in the eighth race, and last second place in Purdue on points.

Due to a makeup entry in the day, most of the events were run with only three boats participating. Saturday morning the first race on the schedule was called off at the last minute, as all three boats but Tech capitulated. It was at this point that one of the team's greatest risks was taken. The course was rescheduled to take out when the winds had died somewhat with the winds after conflicting in setting out races. Back to the start again in the second race. A line on the JYI boat parted, dropping the boat from fifth to third position.

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In the same manner, the sailing club will go to the University of Wisconsin. With more practice, the team should fare much better than they did in the recent meet. For third place in the meet, the sailing club practices on Thursday and Friday afternoon.

16 golfers ready for DeKalb tomorrow

Golf practice started here at Tech last week with a turnout of about 16 men. Sam Bibb is again the popular coach of our golfers and welcomes any newcomers who would like to participate in the sport. Dr. Eibl is the captain of the golf team, and shares his spirit with the team.

Four men returned from last year's team. They are Ed Klee, Dick Dowdell, Frank Weber, and Donald Mclean.

The first game will be played on Saturday, April 24, at 10 a.m. against DeKalb. This will be a round-robin basis and there will be a three-way match with DeKalb and Old Dominion on Saturday, and a four-way match with Old Dominion, DeKalb, and Tech on Sunday.

The men also have a date with the University of Illinois and Navy on May 1

The Alpha Phi had the notable Mt. Carmel, women's secretary of the Daily News, as their annual Dine In dinner last Sunday. Dr. Carmel is interested in the different attitudes and temperament of the players.

17 softball started off Sunday with a beautiful day and one casualty. Bill Anevetnik from MI, left the game with a broken leg.

On Friday night, the Theta Xi and Tau Kappa Eta were held at Longwood Golf Course in a 3 tie game. After this very week only two games remain: DeKalb at home on the 12th, and a triangular meet with the University of Chicago and Wayne University at home on the 15th.

Fraternity Row

by Ken Peterson

The Alpha Phi Sorority will come to a close this week with Delta Chi Delta playing Phil Zawago, Reigning champion, and Alpha Sigma Phi and Tau Kappa Eta battling it out for second and third places respectively.

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Sokols—Vectors clash today for volleyball semifinal spot

The past week has been a comparatively quiet one as far as intramural sports are concerned. The volleyball tournament is still in progress, and changes have been made for the third week. We said last week that the P.C'S. gave a big in the quarter-finals, but we find they had to tangle with the APROTC-A squad, who lost to the Big Blues, and the winner of that game will meet the Big Blues in the semifinal play. The Vectors whipped the Burds and will tangle with the Sokols today to determine the team to meet the APROTC-B in the other semifinal game. The winner of the semifinal will battle to decide a champion.

In case someone wonders why we printed volleyball stories with baseball, basketball, and so on, the reason is that the list of games is too long to print all in one story. The story in question was the schedule. The Wakefield league of the team each has been organized and is scheduled for the next week. The teams will play a regular schedule and the top two teams in each league will compete in the new division to decide the championship.

Four enter semifinal round in IM badminton tournament

First round of the Badminton Tournament was won last Friday with Du-Belles trouncing D. Hanlin, 15-3 and 15-2. In the preceding matches last week, Clark Lowry took Howard Bernard, 15-0 and 15-7, and Clarence Vanden on Wednesday, victory over Fred Berkowitz, 15-1 and 15-4. In the round robin to be played this week, the schedule is as follows:

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League “A”

Champlain
Big Blues
AFC

League “B”

Champlain Jr. John
Dawes
Eli's

PROTC-A

PROTC-B

A Campus-to-Career Case History

He keeps up with 440,000 customers

"I used to think accountants were green eye shadow and sat on high stools," John Merrick will tell you. "That's before I started working in a modern accounting department."

"I trained for about a year and a half in different phases of telephone accounting. Then I was placed in charge of the section which maintains telephone service records. I have more than 60 people in my group with four times the people it took to meet the job. The job is to make a running record of monthly charges for 134 exchanges in Central Massachusetts. That comes to 440,000 different customers."

"Customers expect their bills on time and they want their charges to be right. So on any job my primary concern is to maintain constant and rapid production and of the same time limit for work accurate and reliable. One of the best ways to do this is to be sure that the right person is on the right job at the right time," on old cliché. But I found it works and it is a plus for the Bell. Societies training since it means handling all sorts of personal situations."

John finished Bates College in 1952 with a degree in Sociology, and started with the New England Telephone and Telegraph Company. His work is typical of many assignments in the Bell telephone companies. The opportunities open for college graduates with other operating companies of the Bell Telephone System are many and varied—also with Bell Telephone Laboratories, Western Electric and Sandia Corporation. Your Placement Officer has full details.
Integral goes to press as staff relaxes

By John

The final Integral is dot! Finished! A weary staff finally heaves a sigh of relief as the last bit of copy is sent to the printer.

Looking back over the past year, a staff member can recall the meetings at 2 & 3 a.m. and the midnight mealtimes penciled in. It was decided to designate the Wednesday of "Innovations and Improvements" as ITT. This has been replaced by the modern simplicity of the book.

A series of articles at the beginning reflect the mood of the imponderable which now exists on the campus. The contents of ITT are emphasized by the dedication of the old builders as well as the construction of the new, modern buildings.

Punting, kicking, and real life are reflected throughout this year's book—dance, sports, and organizations. Different places of realization are illustrated by this magazine: the listing of names on the honorary pages lends itself to being a member of an honorary. This year, ITT even had a few very unusual graduates, who have been incorporated in the honors section.

The staff will never forget this Thursday night. Bob McNeil, editor, industriously working and coordinating the members of the staff Mark Grey and the lay-out staff busily planning pictures and copy, and the editor's copy, etc., translating words into the stick.

The make-up staff under the direction of Ken Hester preparing the pictures early for the cover. The checking of the instructions by the copy staff "gave the copy" the volume of a book's perspective to make it fit into the book: the amount reported by then lovely, lovely, and beautiful, and as well as the book's others and interesting.

The book has been "made and improvements" which the entire staff has been so excited.

This has been a "new orthodoxy," a "new orthodoxy," a "new orthodoxy." The book must be out during the second or third week in May.

Harry Temple leaves job as IIT bursar

by Jean Clummo

Mr. Harry Temple, former Assistant Treasurer, Assistant Secretary and Bursar of Illinois Tech, resigned his position to accept a job with Imperial.

He was honored by the faculty as a special contribution to the administration of his position. Temple's contributions to the administration were not only in the financial area but also in the field of estate planning.

Temple has been active in the field of estate planning and has served as a consultant to many of the major financial institutions in the area.

He is a native of St. Paul, Minnesota and a graduate of Bethel College. He is an active public accountant, and his work was an important asset to the administration of the American Institute of Technology.

Mr. and Mrs. Temple and their three children live at 213 Locust Avenue, Highland Park.

Letters

(continued from page 31)

"education," this is an introduction and part of educational purpose. It is ever considered "education" to give an idea that education is only a means to an end. It is considered "education" to give an idea that education is only a means to an end. It is ever considered "education" to give an idea that education is only a means to an end. It is ever considered "education" to give an idea that education is only a means to an end. It is ever considered "education" to give an idea that education is only a means to an end. It is ever considered "education" to give an idea that education is only a means to an end. It is ever considered "education" to give an idea that education is only a means to an end.