

TECHNOLOGY NEWS

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Now and the Future

Floated into, dropped into and propelled into France, thousands of Allied soldiers today have the fate of the world in their hands.

Buddies in arms, British, American and Canadian troops, are today bearing the brunt of German counter-blows. Before long casualty lists will begin to tell the true story of the tremendous undertaking now underway.

For those who have embarked to begin the string of victories which will lead to the ultimate eradication of oppression, want and fear from the world, there must be a continuous flow of reinforcements of every description.

Supplying this victory bound armada is the job of logistic experts. We in the classroom have a job also. Our job is easier but we must work hard to show the fighting man that we are earnest in the little we are doing in comparison to the hazards he is facing for us. The chances are that students from IIT are taking part in the invasion. We at home must take pride in the accomplishments of our predecessors and give our utmost to prepare ourselves so that we too may lend a hand in the battles and decisions to follow.

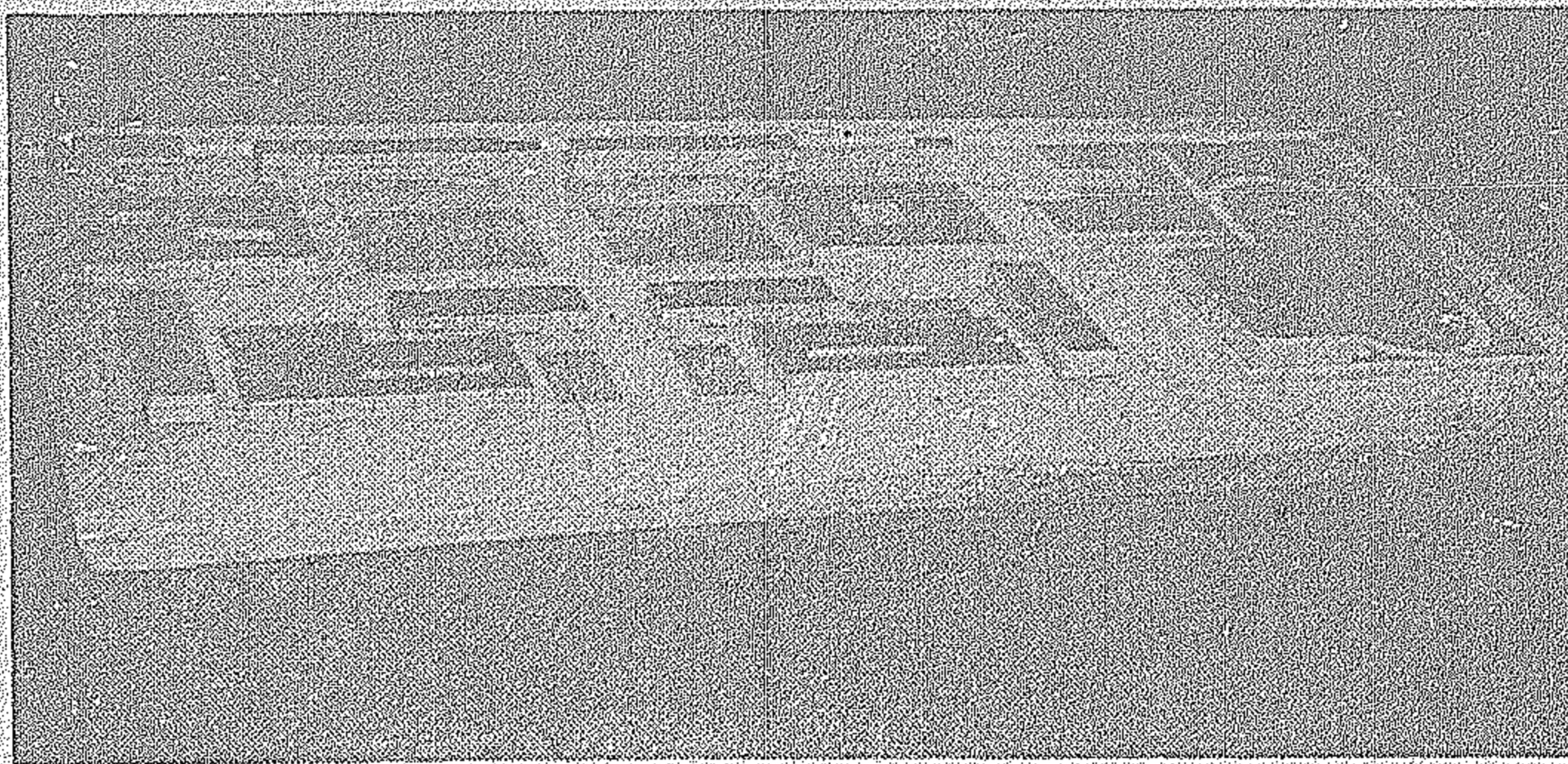
Platform must be established in order to cope with the intricacies of world politics and home economy and religion for the future. America will not be left alone if isolationism prevails.

In addition to our small part in the present battles, there is another job at hand for every student and faculty member. It is an accepted fact that we are "qualified thinkers". That is, we reason logically. Far too little logical reasoning was done at the end of the last world conflict. It is up to us, and the thousands of other like us all over the country to begin to think and plan a program to be followed after the final blows are delivered. Much has been spoken and written of "lasting peace". We must see that each individual does not "pass the buck" and let the other fellow do all the deciding. It is not a privilege to form opinions based on reason, it is a responsibility.

It is folly to think that radical ideas which have been pounded into the heads of three generations can possibly be erased by an "armistice". It is difficult to tell our underpaid agricultural farmers that they should produce more food to feed foreign people until such time as these people can provide—especially when this time may be a matter of years. It is irony to believe that our soldiers are giving their futures up in order to stamp out racial persecution abroad when racial prejudices exist in our "land of the free". Let each of us resolve that when that great day of victory comes, we will have made some perceptible advances toward solutions of these all-important problems.

—SID BAKER

Something To Come Back To



CAMPUS DEVELOPMENT—The above pictured "streamlined" Illinois Tech campus is what now departing students will return to when the tools of war are laid aside, for the \$3,100,000 IIT development program awaits only the termination of the conflict in order to become a reality.

Planned are a \$550,000 metallurgy building, a \$600,000 building for mechanical engineering and buildings for chemical and electrical engineering which cost approximately \$450,000 and \$500,000 respectively. This proposed library and administration building is to cost \$600,000. The funds necessary to complete this tremendous project are now available to the institute.

Other buildings are a \$400,000 humanities structure and a new Fieldhouse with much improved athletic facilities. The program also calls for new and enlarged research facilities for the Armour Research Foundation and the Institute of Gas Technology, both of which are affiliated with Illinois Tech.

Research Reports—

Human Engineering Laboratory Measures Individual Aptitudes

(EDITOR'S NOTE: This column will present each week a brief report of the various research projects being carried on at IIT. Since Technology News is the student newspaper of a technical school, these articles will be of a more technical nature than would be possible in an ordinary newspaper, but they will nevertheless be written in such a manner as to be accessible to the majority of the student body.)

Perhaps one of the least known branches of IIT is the Human Engineering Laboratory. This research laboratory, located at the old armory at 1800 S. Prairie Avenue, is engaged in testing and measuring the aptitudes of the individual, so that he may see his personal characteristics and judge more intelligently each decision which arises throughout life.

Founded 20 years ago and located in Chicago some twelve years later, the Human Engineering Laboratory has developed its testing techniques until it can now measure thirteen separate aptitudes. Some of the individual aptitudes measured are personality, structural visualization, accounting aptitude, tonal memory, inductive reasoning, observation, creative imagination, and number memory. From these observations the individual can tell what field he is suited for, how he can work more efficiently, and how to increase his mental capacity.

The examinations are divided into two, three-hour periods, in which experimental tests are given. The actual measurements are taken, and a personal interview to interpret the results is given in conclusion. The tests are offered to the individual or to a small group, whichever leads to better results. Spectators are barred so as to overcome nervousness and thus allow the instructor to obtain a clearer understanding of the individual's personal characteristics.

The ages of those tested vary from nine-year old, grammar school

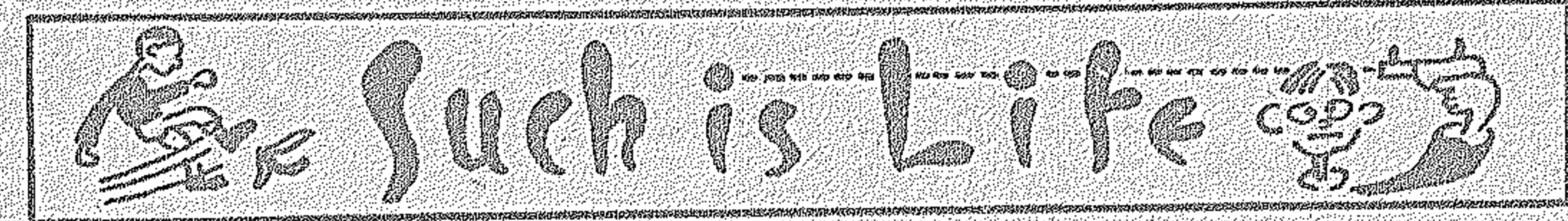
students up to adults of all ages. The age group most predominant is the 35-year old, adult class. Their chief reason for taking the tests is to find their adaptability to a new field, having expressed dissatisfaction with their present vocation.

The tests are most useful to high school students who are trying to decide upon a future. The measurements can lead them to adopt the best policy for their future education.

IIT has sponsored this organization with the policy that those desiring a future education should know their adaptability to the field which they have chosen before they proceed in college. Since IIT is a technical institute, it is interested in stressing the development of structural visualization measurements.

About 6000 people are tested in the laboratories each year, a large percentage of whom are college students. Business executives wishing to determine the capability of their employees also use the services of the organization.

Fees are charged to cover the costs of the examinations only. The amounts charged vary according to the type of tests taken and the time required.



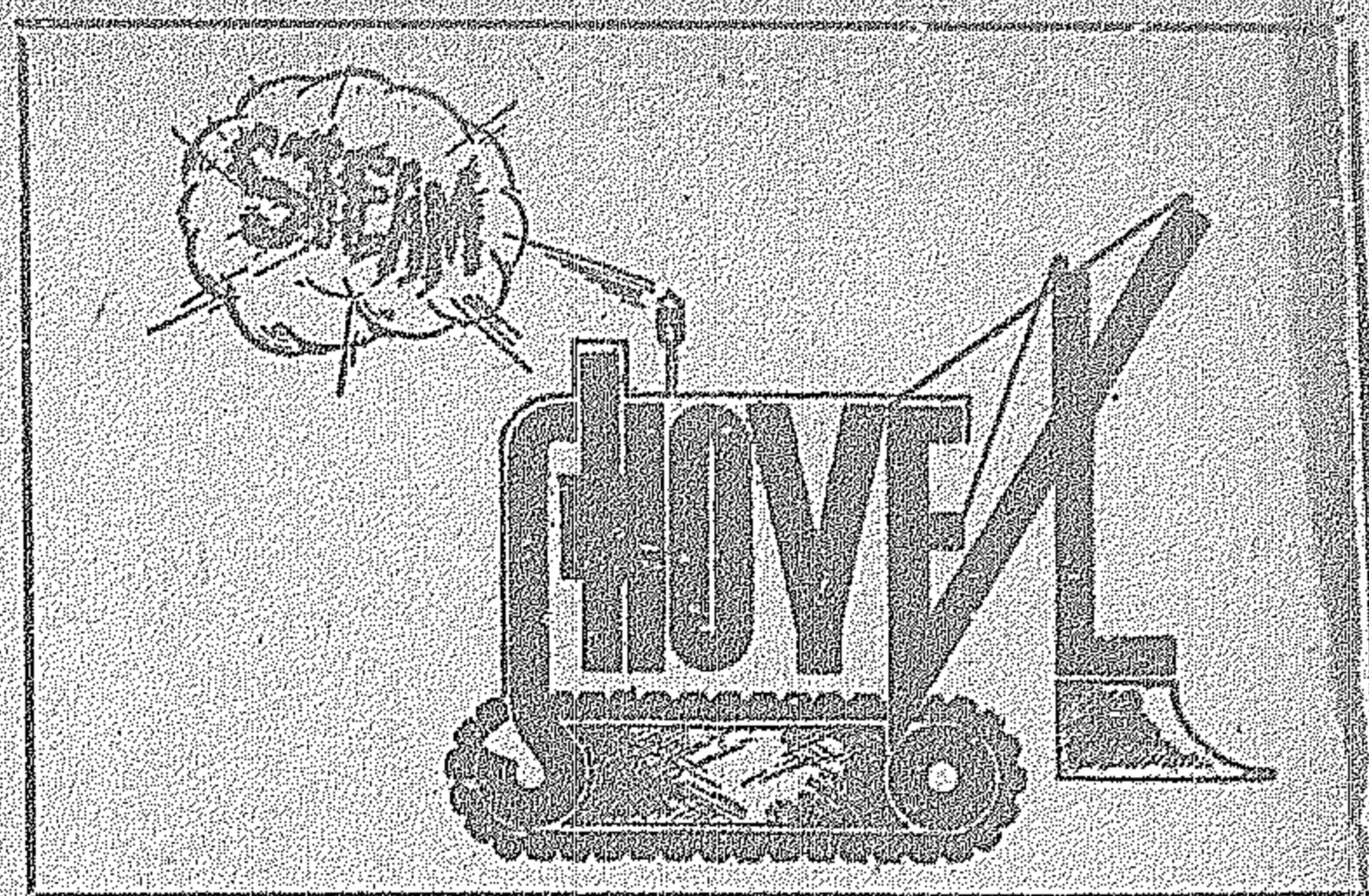
Now let me tell you about tough situation. When people comes from old country, they is finding many things different. Here is best to talk about girls, for all over the world people usually got something to say about girls.

In old country girls is very conservative. You don't go kissing them there after take them out for a few hours on dancing or moving picture show. Peoples there is more conservative. You got to take them out twice and maybe three times first. You can't go by what they say about these things in books cause authors are all Americans who never been to old countries. They just got good imagination, let me tell you, they is really good imaginations. I not talking here about what happens in pink light places.

Now when man comes to this country on boat and land, he want to meet nice young American girl. So

maybe he has friend here who meets him with girls. So, he then goes out to dance, go later somewhere to eat, and then fellow from old country finds tough situation. In old country it must be man who makes advances. Here, fellow want to take girl home cause he have to be at work early next morning, but girl says she want to see big moon and stars over lake. Cause man from old country know about how to sail boat by stars he think maybe should park and tell her about this. He park, but girl put arms round him, and makes prune face lips, closing eyes, and can't see stars he talk bout. When he no kiss her, she come in for kill, and when he go home must have handkerchief washed cause it be all full of red stuff.

This is what I call tough situation. In old country, such things no happen. I didn't like it. But peoples tell me, in America, such is life.



Mr. Rufus Oldenburger seemed to be having a little competition the other morning during his analyt class. The birds were singing so loud, that it was impossible to hear him. "This is one kind of competition I don't mind," he exclaimed, "at least it is not the monotonous drone of the snorers."

ATTENTION, gals! Frank Sinatra has arrived on the south campus. He is wearing his cute bow tie, and baggy pants, and his curly hair cropped short. Traveling incognito, he is using the name Milton Oran. He is quite indignant because the femmes don't swoon when he sings "Oh, What A Beautiful Morning" in his high, clear, heavenly voice.

In Dr. C. Kintner's Ch. E. class, Seymour Axelrod spoke up saying "I think I know what you are doing, but I would like to hear you say it again. Oh My!"

Dr. Bruce Longtin must have experienced some rather uneasy moments at the recent Alpha Chi Sigma beer party. On that occasion, the fraternity pledges presented an original play, the plot of which depicted Dr. Longtin conducting one of his physical chemistry classes.

William Ruby displayed his courage by handing in an English theme criticizing the course and the methods employed in teaching it. The instructor, Alfred C. Ames, read the theme aloud, having a slightly embarrassed look on his face. When he commented on the paper the class took sides with Ruby and forced Ames to retire in disgrace. Strangely enough, Ruby's theme received an A grade.

Thomas A. Hunter walked into his F. P. E. 301 class one day and found a notice on the blackboard which said: "There will be no class today. I have been drafted. T. A. Hunter". We quote from Mr. Hunter, "You don't know how true that is, fellows, you don't know how true that is."

Darwin Kruzic, freshman, is threatening to pay the full 8 cents street car fare if those conductors don't quit heckling him. Every day Kruzic whips out his "student card" and deposits the four coppers with the treasurers of the "Red Rocket". He says he never fails to get the reply, "Say is this card good? You look pretty old for a high school student." Kruzic naturally replies, "Of course it's good," but oh how it cuts him to think that they mistrust him!

Dr. Herbert Busemann and Elia Sternberg were engaged in a lively game of ping pong. During the course of the game, the ball was hit into the air and suddenly stopped as if suspended. Teaching falsehoods created such a fear in Sternberg's heart that fainting was near at hand. All he could figure was that at a certain crucial way or a specialized area, the law of gravity was nonexistent. He was again relieved when he discovered that the ball was held fast by a cobweb.

Homer Rissman, junior architect, gets a great deal of pleasure out of taking his shoes off and playing baseball, in Grant Park, barefooted. Says Homer, "I like to feel the grass between my toes." That's what it does to a person being an engineer!

Dr. Frederick K. Richter, associate professor of German and master of many languages told a beginning German class that when he recalls his former loves, he thinks of each one in a different foreign language. Larry V. C., however, doubts that he has met any Lithuanians!

It has come to our attention that Prof. Krathwohl has been gibbing a person in his class because of an item which appeared in this column. These articles are written in fun only, and sometimes exaggerated because of misinformation. No one has the right to derive an opinion of anyone else on material which is printed here.

Was Clarence Sikorski looking for "pebbles" on the North Ave. Beach at 4:30 a.m. last Sunday or was it the hot weather. At that hour "Shorty" claims one may find anything he desires. Now is this philosophy or is it spoken from experience?

Last Saturday night, Les Price was caught with his pants down (doing Lab reports), when three comely feminine friends called at his home. In this precarious position Les called on Harley Flanders to come to his assistance. With thing looking promising Harley was glad to comply.

—XETER