

# TECHNOLOGY NEWS

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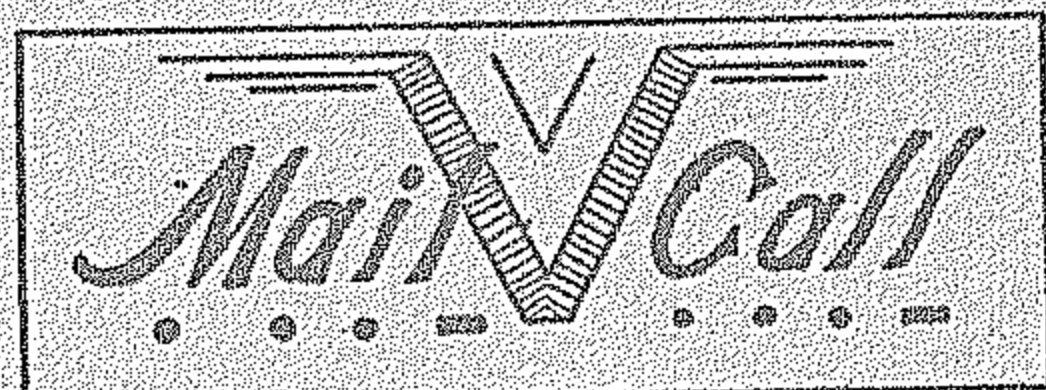
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## Woman Of The Week—

# 'Queen' Isabella Winter Ascends Technology News Throne as 'Managing Editor'



(EDITOR'S NOTE: Items concerning IIT men and women in the armed services will be printed in this column, and excerpts from letters from these men and women will also be presented. Contributions to the column will be welcomed, and the newspaper staff will make every effort to obtain news and letters from the stars of Illinois Tech's service flag—a group now numbering more than 700.)

By LOU WENGEL

Among the boys who have been in there pitching is Lt. Irving X. Burg, M.E.A. '39, who has been in the foreign service for a good many months. He writes the following.

"The place is Indian, and if I say that there is no earthly reason for anyone ever wanting to visit this country I am putting it mildly and in the most gentlemanly fashion.

"I heard that old Tech had a hell of a fine basketball year. That is O.K. and here's hoping the boys hang one on again soon."

V V V

Now news comes in from some of our meteorology boys in the person of Pvt. John Jachimiec, C. E. I. '44, who is now at University of Wisconsin. Other IIT men in his group are George Wilmsen, Harrison Munro, Daniel Gauss, John Twomey, George Mitchell, and Walter Holtz. John states that the training they have received at Illinois Tech has aided them a great deal in their present work.

V V V

Corporal Thomas J. Hair, A.S.L. '31, serving somewhere in North Africa sends in the following information.

"I have been in North Africa since last December. My branch of service is Quartermaster and I am working in headquarters of a replacement battalion.

"Our work is vitally important as it is up to us to get the right men at the right time to the right outfit at the front and also see that each man is fully equipped and is properly classified to do the best job for him in the Army."

V V V

Ray Smith and Bob Hall, fire protection engineers, class of '43, stationed at Michigan University are now taking a 30 week course in naval architecture. Following are excerpts from Ray's letter.

"We are under no discipline whatsoever, but merely going to school much the same as we did at Armour. Our rooms at the Michigan Union are really swell.

"The group we were in was divided into three groups according to mathematical ability. Glad to say Bob Hall and I made Section A, the fast group. We have wonderful instructors, evidently Michigan's finest, as they seem to be all brilliant men."

V V V

A/C Edward Hanley (formerly Ed Hanuska), M.E.C. '42, is now studying at Yale University and is quartered in the Sterling Law quadrangle which is "built expensively in picturesque English architecture, it has a cozy charm and spirit."

He says further that six men occupy a suite of three rooms which has among other requisites a private bath. Ed also sent in a copy of the "Yale News Digest" pointing out an article announcing a coast to coast broadcast of the Army Air Force Technical Training Command School, Saturday, July 10. Also participating in the program were Corporal Tony Martin and Corporal Broderick Crawford.

This week the namesake of the famous Queen Isabella of Spain is honored at Illinois Tech. Blonde, blue-eyed, and diminutive, Isabella Winter (named after the queen by an uncle) has been selected "Woman of the Week."

Isabella, who is a sophomore on the west side campus, has just been elected managing editor of the new *Technology News*. It is for this honor and the work which she will do on the school paper that homage... like that given a queen... is paid Isabella.

Writing for *Technology News* is not a new experience for Isabella this year. Last year she wrote feature copy and held the staff position of assistant feature editor. In her new capacity, she will meet with the managing board on Tuesday to decide the policy of the paper and again on Friday evening to put the paper to bed.

Illinois Tech's "first lady" was elected social chairman on the west side campus her freshman year. With the deft managerial ability inherent to women, she managed the all-school social assigned to the freshman class without incurring any debts.

In her sorority, Kappa Phi Delta, Isabella is secretary-treasurer.

The "Woman of the Week" is a chemistry major on the west side campus.



"Believe it or not," Isabella states, "I got my start in chemistry from a toy chemical set. I've loved chemistry ever since."

Had not the appeal of using chemistry for making baking powder biscuits become a factor in Isabella's life this year, she might have set her star for a chemical research position. The twinkle now in her eyes reveals there's a brighter star in her dreams.

Being concert mistress in an orchestra, as she once planned to be, has likewise faded from her hopes and ideas.

"Incidentally," says Isabella, "it was upon the suggestion of my violin instructor that I chose Illinois Tech for my school. He recommended Dr. D. P. Boder so highly I investigated the school. My enthusiasm was even greater when I learned of the opportunities open to chemistry majors at Illinois Tech."

When a freshman, Isabella took the violinist's advice and registered for Dr. Boder's introductory course in psychology as one of her electives.

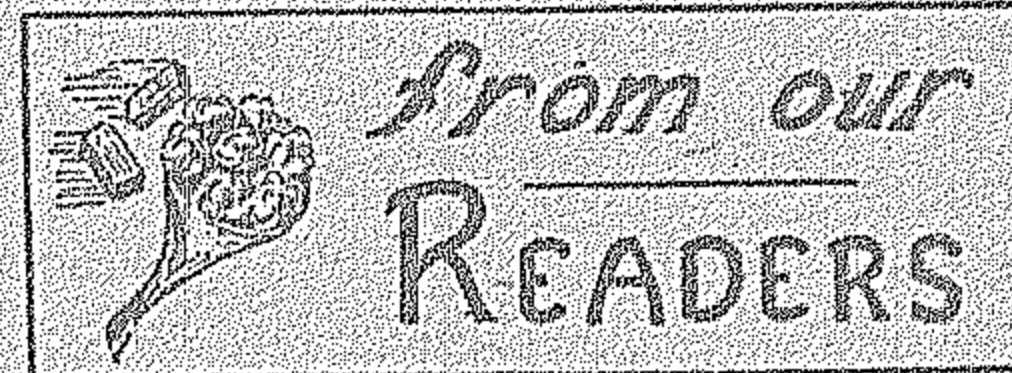
After hours in the chem and physics lab, Isabella likes to "do the town". She loves shows, but hasn't a favorite movie hero. She likes bands, but hasn't a favorite swing king. She likes the museums, but more than anything she likes to sit out on the rocks and watch the sail boats on Lake Michigan.

If she has \$1.25, she loves a morning canter on the trail in Hinsdale, for as she says, she's "crazy over horses".

Keats and Shelly, once her favorite poets, have been neglected of late for studying technical books during the week and dating a special somebody week-ends. However, once having mastered the three c's, chemistry, college, and coverage for *Technology News*, she plans to give her favorite poets a bit more of her time in the future.

## The Collegiate World

A collection of old and rare typewriters is on exhibition at Ball State Teachers College at Muncie, Indiana. The collection includes twenty machines, once very progressive but now slightly out-dated. Among the typewriters preserved in this school, are three Hammond models with circular keyboards; two Model 2 Remingtons that have wooden keys and shift.



(EDITOR'S NOTE: This column is for expression of ideas from readers. Letters containing not more than 250 words will be printed. Anonymous letters will not be considered for publication, although a writer's name will be withheld from publication if desired. The Managing Board reserves the right to select the letters to be printed whenever the number of letter submitters exceeds the space allotted for this column.)

Dear Editor:

So often, in the daily class, the instructor becomes accustomed to giving only his interpretation of many subjects, and soon feels his judgment—and his method of presenting facts—to be infallible.

Although there are many of the faculty who do possess interesting and talented methods of teaching, there are others who not only waste the time of the students in the lecture hour but cause undue hours of toil after classes attempting to siphon the material out of the book without proper lecture aid.

In order for us to digest in any way the quantity of material that is expected of engineering students, especially in the present day's limited time, our home study must be properly supplemented by interesting, well planned and well balanced lectures.

In order to be interesting the lecture cannot be memorized portions from the text or other book. The words must come from the instructor's inventive mind, and must be well spoken and understood.

The contents of the lecture must not be entirely cold theoretical facts but should be spotted with interesting sidelights, modern interpretation or recent developments, and possibly some humor here and there.

The instructor should have the day's material well in mind and need not depend on reading from paragraphs in books or from written cards.

We of the student body are pledged to work every second within our power to learn, with the aid of the knowledge and experience of our instructors, all of the facts of engineering and science that we possibly can for the successful prosecution of this war.

The instructors' help to us and therefore to their country can be as great or as little as they choose.

We ask them to accept this challenge.

—Hooper

Dear Editor:

There was a beautiful dance held at IIT about a week or so ago which was given in honor of the navy boys to which the IIT people in charge invited secretaries, and a few dozen or so of U.S.O. hostesses together with some student nurses.

Not one of the people in charge of the dance felt called upon to invite their fellow students at Lewis who would have been very pleased to attend.

After all, why should outsiders be called in to keep the navy boys company while our girls of Illinois Tech are excluded from the goings on.

It seems that everyone around Illinois Tech has a more or less vague idea about more consolidation between the west side campus and the south side campus. What better way is there to accomplish that purpose than to acquaint the feminine part of the west side campus with the Armour Campus?

Perhaps the people have not been aware of the fact that there are a goodly number of girls attending Illinois Tech at the present time. When they realize there is a majority of women at Lewis now, they will see that inviting outsiders to our IIT dances is quite unnecessary.

An IIT Good

## To Teach--Learn to Teach

Fifty per cent of the IIT teaching staff would not be permitted to teach in Illinois High Schools.

Why?

They have never taken courses in "how to teach". "A limited state high school (teacher) certificate" requires "a bachelor's Degree with fifteen semester hours in education...", according to the Illinois School Directory, 1940-1941.

Included in these fifteen hours of education are courses in education psychology, and special methods and supervised practice teaching in the field to be taught.

Every student here has had sad experience with IIT teachers who seem to know their subjects but can't put them across to their classes.

In these times a failure to drive the lesson home to the student results in a situation very closely akin to that illustrated by the absentee war worker; an instructor physically present, but unable to fulfill his function, is of no more value than a riveter on an extended vacation.

That's the problem—what its the solution?

The teaching ability of his staff is the direct responsibility of each department head. Since, on the average, half of his staff has never learned "how to teach", each department head should check his teachers on their techniques of teaching, keep informed of their progress, and also inform them of the latest developments in the art of instruction.

Two direct methods present themselves to the department head: (1) He could be a friend of the students so that they would come to him with their teacher trouble; (2) He could sit in on classes to determine if his staff is putting the subject across to the students.

How many department heads have tried either?

A third indirect remedy involves a student curriculum committee, a middle man between faculty and students. This committee would pass out questionnaires to all students at the end of each semester asking their opinion of the subject and the teacher. Results of this survey would get action.

The October seniors and the senior curriculum committee will distribute such questionnaires to the graduating students. This is a partial remedy that should be extended to all students.

Requiring college teachers to take courses in teaching, educational psychology, personality development, and public speaking might present a fourth remedy.

All four remedies are needed; the third one is partially in action, the fourth must wait until the war is over.

Department heads, why not give the first two suggestions some serious consideration?

—ROWBOTHAM