

The Other Side—

Michael Sadowsky Educated in Three Countries and Now Teaches in His Fourth

By BILL BURKHART

Educated in three countries, teaches in a fourth—so reads the career of Michael A. Sadowsky, assistant professor of mathematics. He received his elementary education in Russia, attended high school in Finland, and received his college degrees from a German university.

Born in Dorpat, Russia, in 1902, Professor Sadowsky left the country for Finland in 1916 as invading German armies neared his home. After completing high school in Viborg, Finland, he went to Germany in 1922 to further his education. His studies in Germany won him his Ph.D. degree in engineering mechanics and applied mathematics from the College of Engineering of the University of Berlin.

The year 1931 saw Professor Sadowsky in the United States and teaching mathematics at the University of Minnesota.

To gain the necessary experience, Professor Sadowsky returned to Europe. From 1934 until 1937, he taught mechanics and mathematics in Russia, and his itinerant sounds like a map of the Russian front: Leningrad, Novocherkassk, Stalingrad, and Moscow.

Commenting upon conditions in Russia at the time, Professor Sadowsky said, "Students are the same the world over, but the Russian students had it rather hard. There were scarcities and underproduction of commodities, and students had no preferential rating."

Armour Institute of Technology had an opening for a teacher of mathematics in 1938; Professor Sadowsky heard of it through friends, applied for the position, was accepted, and has been here since.

"I like it here at Illinois Tech," he says. "There is really academic freedom, and we are very successful in keeping out the playboys. Those playboys who do get in, don't stay in!"

Professor Sadowsky is married and has one son. Other members of his family are now in Russia; one sister is a doctor with the Red Army. For recreation, he likes to devote some time to music, but strictly as a listener.

Dr. Sadowsky has specialized in the theory of elasticity.

From photographs of steel plates and his mathematical theory of the stresses one can compute the stresses in a plate plastically strained. He developed a theory of "singular points" in photoelasticity which explains black spots on photographs of strained materials.

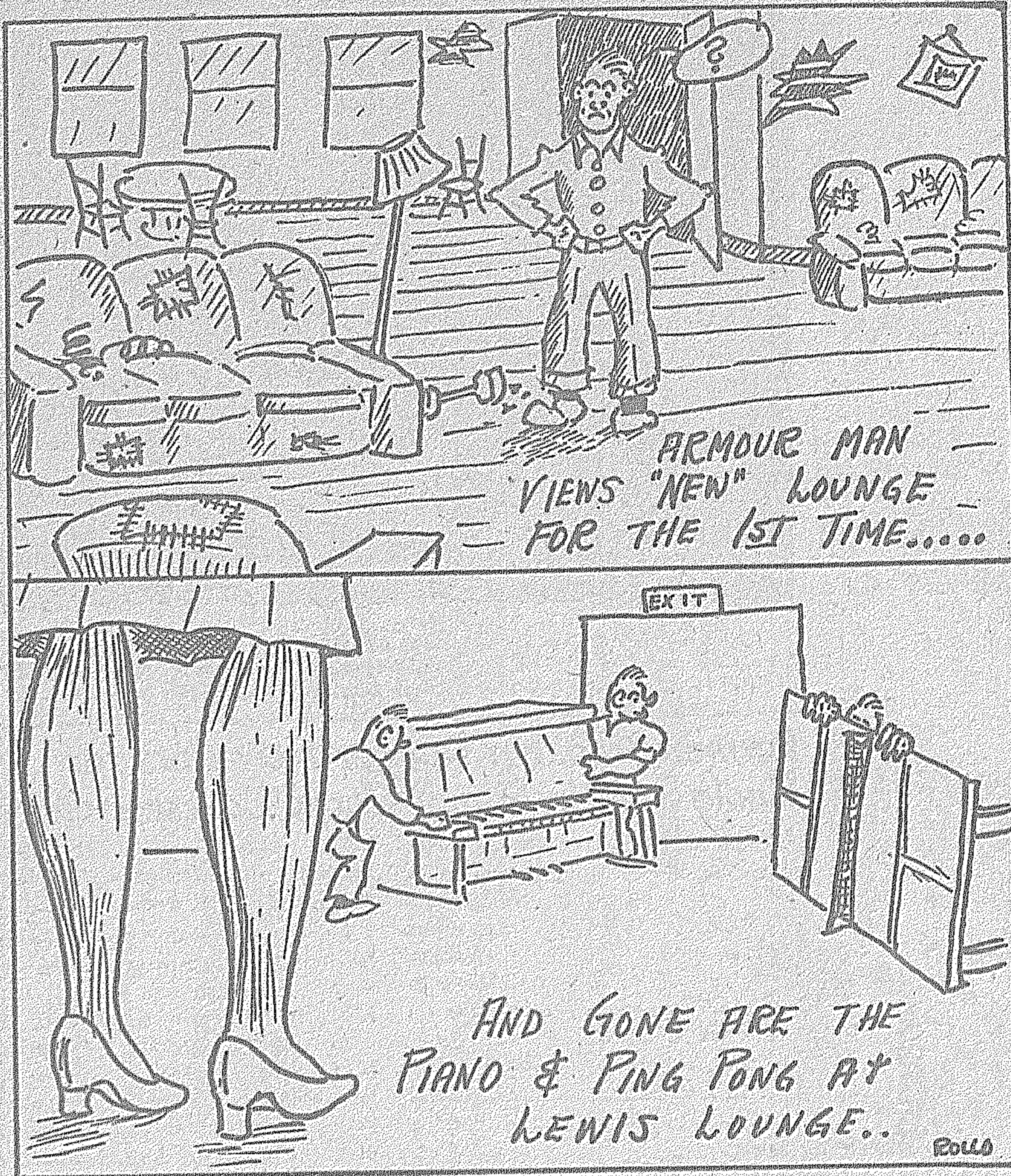
His master's thesis was written on "Periodical Configurations in Elasticity."

Dr. Sadowsky is a member of the Society for the Promotion of Engineering Education, the American Mathematical Society, the Mathematical Association of America, American Society of Mechanical Engineers and Sigma Xi, national honorary scientific fraternity.

He has a reading and speaking knowledge of three languages—French, German and Russian.

Since coming to Illinois Tech, Dr. Sadowsky has written several papers and given numerous speeches on both mathematics and elasticity.

His articles have appeared in such publications as the Journal of Applied Mechanics, Journal of Applied Physics and the American Mathematics Monthly. He has spoken before such groups as the A.S.M.E., the Mathematical Association of America, the Society for the Promotion of Engineering Education and the American Mathematics Society.



CHICAGO—

Dunham Continues Parade of Swing

THE parade of swing continues!

Sonny Dunham, that lad who doubles on trumpet and trombone—and does both well enough that his press agent calls him a "stylist" on each, is now playing at the Panther Room of the College Inn. Dunham is the same trumpet player who made "Memories of You" a record a classic when he was tooting for Glen Gray—and he still does the number in the same grand style making a trip to the Panther Room worthwhile for the jive hounds.

Also featured at the Panther Room is the "Spotlight Canteen," in which a few servicemen are special guests each night (Army and Navy men, attention: If you can get in on this, everything is free to you that night). The "spotlight show" is way below par, and the only thing really good about it is the fact that the servicemen get an evening's entertainment free for being guests in it.

names 'n notes

NELL STEELE, librarian, played center on her high school baseball team... LOU WENGEL, writer of Mail Call, became a U. S. citizen two months ago. Lou was born in Argentina of Lithuanian parents... Saving lives is the weekend pastime of SHELDON YOUNG, senior chemical. The president of Chi Epsilon, honorary chemical fraternity, is a life guard at Bethany Beach, Michigan... WALTER GRENGG and ED SCHASCHL, sophomore Ch.E. students, have discovered how to keep cool during a heat wave. When the weather becomes too warm, they paddle around Lake Michigan in their kayak... VIC MIEZOWSKI, navy student, was a member of the Tilden High School championship football team in 1942. He was also a city champion wrestler that year... It runs in the family. The father of JACK BYRNE, senior mechanical, was a mechanical engineer and graduate of IIT in 1904; and his uncle, W. M. P. BYRNE, also an IIT alumnus, was an M.E. graduate in 1908... JOHN SCHWEMBERGER is now learning his native tongue in German 101. John, a junior chemical, was born in Germany and came to America at the age of six... ROLLIN H. SIMONDS, industrial engineering instructor, is an amateur magician. He utilizes his hobby in mystifying his time and motion study classes... The gold-bearing rock at the entrance to the Student Union was on exhibition at the Columbian Exhibition in 1893. After the fair it was placed at the entrance of the Armour Mission, and there it has remained for over fifty years.

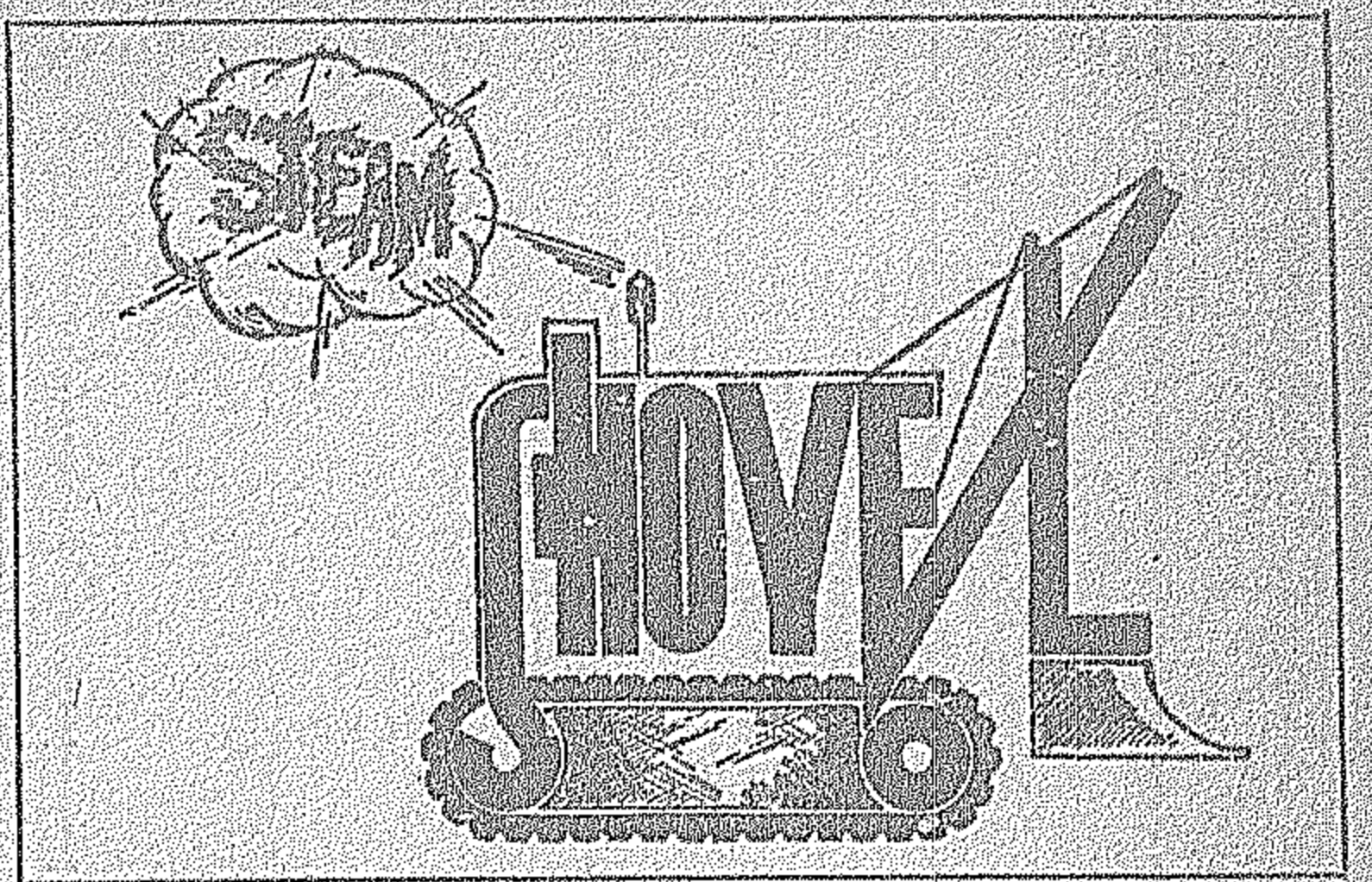
But, V-12ers and ASTPers, if it's something free you're looking for, the place to go is any of the Servicemen's Centers. These are located at 176 W. Washington, 430 South Michigan, and on the lake on North Lake Shore Drive.

More than 6,000,000 soldiers, sailors, and marines have streamed in and out of the nationally famous Chicago Service Men's Centers since the first one opened August 7, 1941.

Chicago has thought of everything that increases the service man's enjoyment, comfort and convenience. Free tickets to movies, sporting events and special features; lounge; writing and classical rooms; super stage shows, dancing with the best orchestras, and a red, white, and blue canteen.

Here a service man may press clothes, take a shower, sleep, read his hometown paper, have his portrait made by an artist, record his own voice, play pool, ping pong or billiards, sit and chat with a friendly hostess who will sew on that loose button or new chevron.

The standard bill-of-fare includes "hot dawgs" dripping with mustard and piccalilli; meat, cheese, and egg sandwiches; potato chips, pickles, olives; cake, pie, tarts, ice cream, candy, fruit, and cigarettes in addition to beverages.



The odd tan of "Rod" Fraser has finally been explained. It seems he and Marge (the ONE and ONLY) fell asleep on the beach at a beach party and awoke hours later with a good dose of moon tan. "Rod" prescribes this highly beneficial treatment for anyone suffering from loneliness, melancholy or low blood pressure.

That old familiar serenade "There's a prince in the Institution" has been dedicated to the Admiral of Quarters 5—"Red" Geyer. This doughty son of a 'bosun's mate' has been cutting a wide swath through the ranks of the secretaries at IIT, with his pretty, curly, red hair and his debonaire manner.

One of the girls gave him a break last weekend and he bubbled with joy over the prospects of his first date. Having thus been encouraged by a non-discriminating female, "Red" has filed an application for membership in BTO on the basis of his FUTURE work. Word from BTO headquarters indicates that Red's activities to date qualify him for the BTO Auxiliary! Wool! Wool!

Art Minwegen, former Slipstick editor ("ole Fisher Min"), has made his association with the Armour Players pay dividends. He and Dorothy Bundy, heroine in the Players productions, "Boy Meets Girl" and "Captain Applejack," have announced their intention to wed. Art, a graduate civil engineer, is an ensign in the Sea Bees. Maybe these sailors have something on the ball.

Not satisfied with one or two girls Jack Eulitt (that cute little fellow) now has three on his string. Of the three Mary ("Giggles") Quinn is the latest and, to Jack, the most interesting. Mary, by the way, was Dan O'Connell's steady before Dan lost his grip and went looking for greener pastures. It is reported that the breakup left Dan bewildered and shaken. Perhaps Jack could fix up O'Connell with either Lorraine or Ella Mae—the other two.

A last minute communique to this office reports Dan O'Connell back in stride on the wolf path. His latest conquest answers to the name of Ronnie Walsh—SAGinaw 3441. Dan has guarded this little number with unconcealed vigor and promises dire consequences for anyone who dares call her up! But the wolves at IIT don't believe a word of it, do we?

Names make news department: When Jack Postl got chummy with the proprietor of a south side rest haven, he introduced himself by saying, "I'm Postl." Whereupon the bartender leaned over the bar and countered with, "How do you do. I'm Western Union."

Senior Civil Joe Donohue is really in the doghouse with other members of the senior class. When some serious minded comrades decided to take an educational tour last Friday night, they invited "Horizontal Joe" to come along. It seems, however, that Joe had some "studying to do." This response, coming from Donohue, was so unexpected that it left his former friends open-mouthed.

Which surveying group set up their level in the middle of the White Sox Tavern, and then sighted in through the front door and out through the family entrance? Don't know? Well, here they are:—Ed Kraegel, Lloyd Briggs, C. J. Ceroke, and two other men, unidentified because their faces were covered with beer foam.

Had you noticed that well wrapped thumb of Otto Krause's last week? It seems he was going to experiment and see if he could stop the fan in "Sonny" Weissman's office. He stopped it all right! But to his utter dismay he discovered that the blades were of steel and not of rubber. To all inquiries Otto stoutly maintains that it was purely accidental but witnesses will tell you otherwise.

Professor Stanton "Brother" Winston was seen strolling into the Author Inn, 35th and Halsted, at 8:42 a.m. last Wednesday. This leads to one of three conclusions—he wanted to make a telephone call, he was tired of walking and wanted to sit down for a minute, or his nine o'clock class is so unruly that he needs a "bracer" before pitting his wits against the IIT "brains."

Those lucky navy men: Last Tuesday all the navy houses on Michigan were serenaded by the "Melody (?) Makers" band of Quarters 5. This group is 99 44/100% pure brass. Bill Stewart and Paul McNamee blasted on the trumpets, Don Spaulding slid on the trombone, and Norman Felt manhandled a sax.

Navy men attend movies on sex hygiene. Big commotion in the middle of the movies. Sailor is carried out. That poor fellow with the weak constitution was Joseph Choate of Quarters 5.