

Emergency action? • • •

Late last Wednesday afternoon a Lewis co-ed was stricken by the acute and unendurable pains of appendicitis. When the anguish doubled her into a writhing mass, an attempt was made to summon a physician. The switchboard operator gave the name of Doctor Lewis T. Baxter whom she had listed as school physician. Doctor Baxter was called and the ensuing conversation proceeded along the following lines. (Note that the entire conversation was with the doctor's receptionist despite the fact that he was asked for.)

"Doctor Baxter's office."

"Is the Doctor in?"

"Yes."

"May I speak to him?"

"What is it you want?"

"I would like him to come to Lewis Institute right away." (relayed to LTB)

"What's the trouble?"

"There's a girl here with severe abdominal pains." (relayed to LTB)

"What are they from?"

"I don't know. Possibly from ptomaine poisoning." (relayed to LTB)

"The Doctor can't come. He's all alone here."

"Well, what'll I do now?" (relayed to LTB)

"You'll have to bring her over here."

"How can I bring her over there when she is in so much pain that I can't even turn her over on her back?" (relayed to LTB)

"Well I'm sorry, the Doctor is all alone—he can't come over."

As things went a doctor was finally located, who heeded the call of emergency illness although he was probably more alone than Baxter was. The girl was rushed to a hospital in Illinois Tech station wagon. An emergency appendectomy was performed shortly after midnight, and at this time the patient is well on her way to recovery.

TECHNOLOGY NEWS wish to present bouquets of verbal orchids to those people who, unlike Baxter, believe in corporal works of mercy—to Miss Corrine Lense, Lewis switchboard operator on duty at the time; to Doctor William E. Helm, who answered the call in less than fifteen minutes; to the cafeteria staff who gave their facilities and assistance to the doctor; to the Signal Corps in Pre-Radar Hall, who contributed a stretcher; to Don Ihrig, station wagon chauffeur, who stayed on the job many hours past his quitting time; to Raymond J. Spaeth, Illinois Tech's Business manager, who is giving his whole-hearted cooperation in seeing that the situation is remedied; to Mrs. Olive P. Hazel, Women's Athletic director, who generally allowed the use of her office for both patients; to Norman Kharasch of the chemistry department, for his valuable advice and assistance.

The following day a student in a Signal Corps class collapsed. He also required medical attention. Fortunately one of his classmates is a physician. Therefore Baxter was not called, but we are forced to presume that he would not have responded in this case either.

We believe the need for a humane physician who will handle such cases as these at Lewis is apparent. We recommend that the Institute make an agreement to this effect with Doctor Helm, because of (1) his cooperative nature, (2) his location (1 North Western), and (3) his record. We further recommend that the Institute sever all relations with Baxter who we believe is more of a menace than an aid, since his relation instills false confidence in him. We also think that these two unfortunate episodes together with the athletic injuries received by two engineers on the Armour campus this year should clearly demonstrate the need for the Health Plan which has evidently been lost in the limbos of red tape. If health will hasten victory, let's have action!

—FARRELL

Patricia M. Arns, Lewis student leader, stricken by appendicitis on campus

While executing the duties of her student service position in the Lewis Business Office last Wednesday afternoon, Patricia Arns, liberal arts senior, became suddenly ill. By seven o'clock conditions necessitated a doctor's visit, who subsequently diagnosed acute appendicitis.

Illinois Tech's station wagon and a Signal Corps stretcher were hastily commandeered, and the comely coed was rushed to her home where the family physician awaited. After a hasty examination he advised surgery and accompanied her to Saint Elizabeth's hospital where an emergency operation was performed at midnight.

As TECHNOLOGY NEWS goes to press, Miss Arns is improving and apparently well on the road to a rapid recovery.

Student government at IIT will be handicapped by Miss Arns's absence since she is second vice-president of the ITSA, president of the Lewis Student council, president of the Pan-Hellenic council, president of



Sphinx Honor Literary society, and president of the Lewis Glee club.

Patricia has been a member of Kappa Phi Delta sorority for four years, serving as president last year. She has also been active in intramural sports, being woman's badminton champion in 1940.

Two 'Queens' enter contest



Staff photo by Ed Johnston

The Integral Queen contest has to date produced Virginia Scharer (left) and Alicia MacDonough (above).

Both campuses represented in Integral race

by Larry Ryan

Look boys! This page is adorned with pictures of some of the entrants in the Integral Queen contest. Nice aren't they? But I'll bet you're thinking your gal can match these in pulchritude and all around charm, so let's see the evidence in the form of portrait photos most likely to win her the title of Queen of the 1943 Integral. The place to bring these indications of feminine loveliness is the Integral Office on the fourth floor, first entrance, Chapin Hall. Lewis under-grads can turn in the photos to the Activities Office, Room 302 on the west side campus.

The first two entrants for the Integral Queen were submitted by Earl Sherman, tennis major from Armour, and Paul Breitsprecher from the liberal arts campus. Earl submitted as his Queen Alician Bysshe MacDonough who dwells in the "Windy City" at 10555 Avenue R. Paul's lady of the yearbook, also ekes out existence in Chicago at 1643 North Melvina Avenue.

This contest, something new on the IIT campus, is the result of many observations that the Techawks have superb taste in the choice of their female acquaintances and that something should be done to let the world know about it. The two pages in the year-book will preserve the picture of IIT's loveliest girl friend for all posterity. These pages are being designed to give the best possible background for the Queen. Nothing will be spared in an effort to provide an atmosphere that will do her Majesty justice.

The Queen will be crowned at one of the larger school dances this fall. So come on, fellows, get those pictures into the proper office by October 28 at the latest.

War woman waves from WAACS to winsome WEEDS

To the WAACS, WAVES, WAES, WIRES and WASPS, now add the WEEDS.

For WEEDS—formerly only a word used to designate obnoxious little plants in gardens and ruining flowers—now stands for the newest group of America's war-time "alphabet women," a group which has just been organized at Illinois Institute of Technology in Chicago. They are the Women's Emergency Engineering Drafting society.

Composed partly of women who have completed engineering drafting courses in Illinois Tech's war-training program, some of the WEEDS are at work in war plants throughout the Chicago area. Also included are the women currently preparing for war jobs at the Institute.

Robert Murphy announces sophomore petition deadline

Military authorities accept physicist's sound recorder

The wire sound recorder, developed by Marvin Camras of the Armour Research Foundation, has been accepted for military uses. Dr. George E. Ziegler of Physics Research returned Monday after spending a week in Washington D. C. in connection with the adaption of this new magnetic recording device to war needs.

Wire magnetic records require no processing after recording and may be used indefinitely. Records forty years old are still usable; many have been played 200,000 times without wearing out.

An eight hour experimental machine is now under construction. Theoretically there is no limit to the length of a recording made on this type of machine.

As early as 1898 Valdemar Poulsen, a Danish professor, attained some degree of success in recording sound on wire. It remained, however, for Marvin Camras of the staff of Armour Research Foundation to devise a practical method for wire recording.

In the newly developed technique, symmetrical recording around the center of the wire removes distortion resulting from rotation. The use of sharp variations in magnetism permits a slower speed and the use of one-fifth of the length of wire required with the Poulsen type of recorder.

Co-op schedule revised to allow shorter course

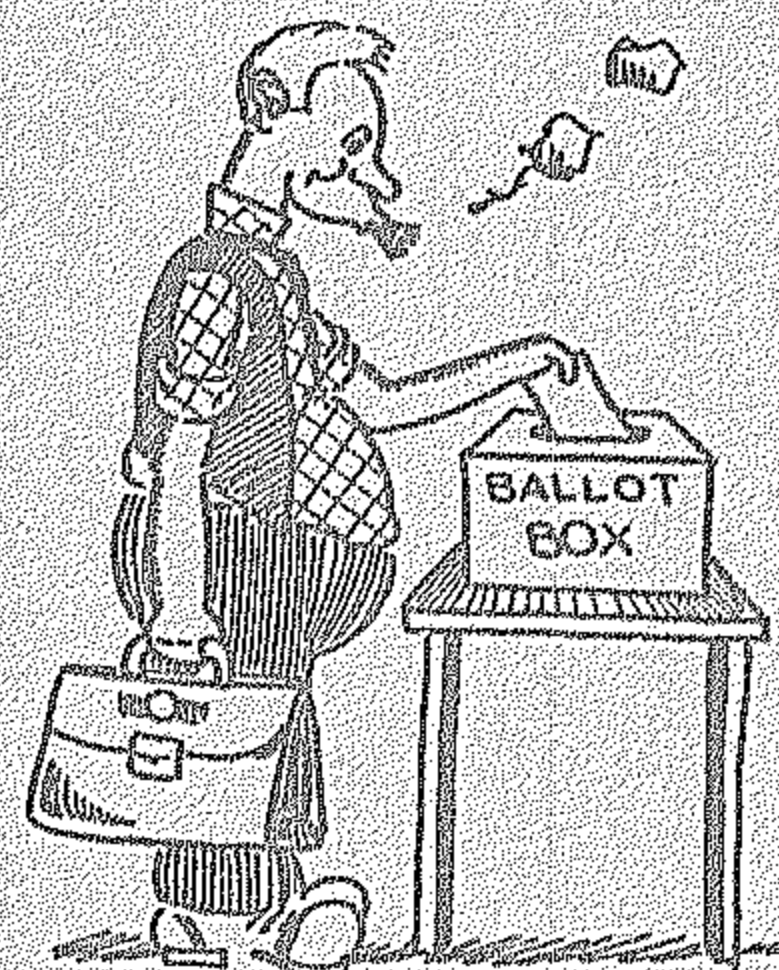
In view of pending government restrictions as to the time a student can spend in college, the present Co-op schedule was thoroughly revised with the result that the Co-op's will now graduate in four years.

Starting February, 1943, all students will be registered for a term of 16 weeks. The course will consist of four alternating sixteen week terms making a total of 112 weeks at school to complete the required work for a BS.

The fourth year Co-ops will furnish their course in one sixteen week term. The third year Co-ops will be required to complete two sixteen week terms plus six hours of night school.

Peebles warns assembled students of Freshman-Sophomore rush injuries

Friday, October 23, was named election day at a brief sophomore class meeting on the south campus last Friday morning. Ex-frosh president Bob Murphy announced that all aspirants to class office should have their petitions in by Thursday.



Class sweaters will be discussed in a mimeographed sheet to be handed out soon to all sophomores.

Dean Peebles, referring to the regrettable incidents of last Junior Week, reminded his audience that these are not the days to play around in a peacetime manner. The men injured during the Freshman-Sophomore Rush were forced to lose a semester of school.

Research foundation photo staff makes 250 prints in one day

With the printing of two hundred and fifty 8-1/2 x 11 photographs, the Armour Research Foundation dark room reached a new high in its daily production. The prints, made from thirty negatives by only two men, were enough to fill five large volumes. For one particular report several thousand pictures were taken, but only half that number used.

These photographs of various setups are used in illustrating reports. Many of the pictures show the movements of instruments which are too quick for the human eye. In one case the vibrations of a bridge, as a train went across, was recorded. Photographs taken of this instrument revealed vibrations that the human eye might have missed in the split second it took the train to cross the bridge.