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JANUARY 20, 1942

SWAN SONG . . .

"Parting is such sweet sorrow," Will Shakespeare said once upon a time, and yea, and verily, so it is.

With twenty-eight editions of Technology News under its belt, the present staff is going to bat for the last time with mingled feelings of sadness and relief. This journalistic business gets in the blood. Yep, it's great stuff! But from here on, we give the business to a new and, we think competent, group, while we old birds sit back and take it easy.

A time like this is a good one for reminiscing. During the past year a great many important events have occurred that have been our job to report and comment upon. Some of these events may in the future be considered as vital, in the history of Illinois Tech. In the pages of the last year's issues of Technology News are recorded the beginning and growth of the EDT program here; the founding of our \$1,000,000 Gas Institute; the phenomenal student lunchroom uprising; the inauguration of the Co-op Book Club; the announcement of definite building programs for 1942; the holding of the first all-school dance ever thrown here in a really big way; the new war acceleration program; and now, in this issue, the announcement of the new Chemical Co-op program. Never before, perhaps, has any new staff at either Armour, Lewis, or Illinois Tech, had the privilege of covering so many real news flashes.

In our editorial columns we have endeavored to write in as honest and unbiased a fashion as possible. If we were at times severely critical, it was because we were zealous for the elimination of flaws that might hinder the progress of Illinois Tech. And we feel no little pride in the realization that not only is Illinois Tech big enough to accept criticism but flexible in attempting improvement.

As for Technology News itself, we have enjoyed continuing and improving a make-up and style which is sufficiently modern and streamlined that other college papers have seen fit to copy. That there are sufficient flaws in our system to keep the next staff, and many other new staffs, busy in improvement we are also humbly aware. We

wish to thank the many interested students and faculty who have given so many helpful criticisms of the paper.

Looking ahead, we are of the opinion that the future of Technology News appears very interesting. If Illinois Tech adopts a summer term, it is possible that for the first time our paper will be published in the summer. And as the school expands with the building of its new campus, it appears very likely that the Tech News will become a daily. Nor is it improbable, with the night school supplement or, perhaps, a complete night school edition may be adopted. All these things are, of course, in the dream-stage. But, the handwriting is on the wall . . . Illinois Tech is growing in leaps and bounds, and with it will grow Technology News.

And, with our best wishes, we hand this future of Technology News—lock, stock and barrel—over to a fresh group of industrious students, the appointment of whom will be announced next week. Ah! How refreshing it will be to read Technology News every Tuesday morning without knowing beforehand what will be in it. What a thrill to be able to look every man, woman, and child, in the face and say, "We didn't do it!" Aha! Yes, indeed, chillun, we exit laughing.

STUDENT HEALTH PLAN

No student health plan this semester? Yes, that's right—no health plan. Why? We ran out of time; didn't get around to seeing all the people we should have seen. But alas! Perhaps it's for the best. Now we can conduct a very thorough investigation of the Civic Medical Center. Now we can prove to those that are skeptical that it's really true you get all that's promised.

At the next meeting of the ITSA, a committee of student and administration representatives will be appointed to conduct a thorough investigation of the plan. This probe will probably take several weeks and if the plan is found acceptable, it will be submitted to the student body for a vote of approval. The investigations will check on the following details:

1. The reputability of the Staff.
2. The financial details of the plan.
3. The equipment and hospital used by the Medical Center.
4. Determine exactly how comprehensive the plan will be.

Not mentioned in last week's article was the establishment of a clinic on the campus, or near the campus if there is no space available, for the convenience of the students. This will be staffed by a doctor, and for the first several weeks of a semester a laboratory technician to take samples for analysis at the downtown laboratory.

The student body will receive detailed information from the committee whenever such reports are received. Several faculty men, who are members of the plan at thrice the price it is offered to us, speak very highly of the plan, staff and equipment.

Before the plan is brought to vote, the students will have complete assurance that it is reliable and worthwhile.

COOP INDUSTRIAL COURSE

A complete course in industrial engineering is now available to co-operative students in addition to the established mechanical engineering course, it was announced by L. J. Lease of the Co-operative Office. The first classes in the course are to begin about June. At the present time, positions are being secured for students planning to enroll in the course.

Industrial engineering answers a new and increasing demand of industry for a different type of engineer. The industrial engineer is taught the basic groundwork of engineering, but (instead of specialized training in the present fields of engineering, as Power Plant Design) the engineer gets his training in production planning, cost analysis, material control, manufacturing methods, time and motion study, marketing, accounting, etc. This type of engineering has to do with the handling of human beings rather than the engineering of materials. Engineers make good managers because they have been trained to think straight and they understand the manufacturing processes.

The plan, as adopted now, would be a regular five-year course. The tuition for the five years would average \$240 per year. Fees and text books would involve an additional expense of about \$75 per year. The tuition of \$120, plus the fees, is payable at the beginning of each semester.

The students are paid at the regular wage-rate for the kind of work done for the time they are at work, not for the time they are in college. Students are not permitted to change industrial positions without the knowledge and consent of the co-ordinator.

Scholastic requirements for the co-operative course are the same as for the Institute's regular four-year courses. Also, a student must have maintained a scholastic standing within the upper 25 per cent of his high school graduating class. A student must have had, in high school, three semesters of algebra, three of geometry, two of physics, and two of chemistry.

IIT RESEARCH FOUNDATION LAUDED IN AMERICAN CHEM SOCIETY PUBLICATION

Job Chances Good For Senior Class

January has been a busy month for the placement office. A great many interviews have taken place, although few definite decisions were made. A most encouraging note is the almost unanimous opinion of the interviewers that the present senior class is one of especially high merit. As many interviews as possible have been postponed until after examinations.

Many Interviews

Representatives of the following companies have visited the Armour campus: Swift & Co., the American Locomotive Company, the Carnegie-Illinois Steel Co., the Teletype Corporation, the National Advisory Committee for Aeronautics, the Bendix Corporation of South Bend, the General Electric Company, Curtiss-Wright from New York, Standard Oil, Westinghouse, Phillips Petroleum, the International Harvester Company, and the Goodyear Tire and Rubber Company.

Outstanding among these was the General Electric Company who interviewed all Mechanicals and Electricals, and who left twenty-two offers.

BARNES OF IOWA U. GIVES MOTION STUDY DISCOURSE AT LEWIS

Dr. Ralph M. Barnes, professor of Industrial Engineering at the Univ. of Iowa, will give a lecture on "Motion Study Research," on Wednesday, January 28, at 7:30 p.m., in the Lewis Auditorium. Dr. Barnes is well known to the engineers for his work not only in time and motion study, but for his work in industrial engineering and management as well. This lecture has been arranged by Mr. James S. Perkins, supervisor of time and motion study courses in the Engineering, Science, and Management Training program at IIT.

On Monday, January 19, 300 students were added to the ESMDT program. Their course of study will continue until Saturday, April 11, at which time they will be classed as Under Inspectors in the Ordnance Department, and subject to reclassification as Junior Ordnance Inspectors.

ALLISON ARRANGES FOR SELLING BONDS

IIT's treasurer, George A. Allison, is setting up machinery to distribute defense bonds for the convenience of the faculty, employees and students at the cashier's offices of both campuses. Bonds and stamps should then be purchased through the school so that IIT can make a good contribution towards the fight for victory.

Coop Course—

(continued from page one)

izes in production planning, cost analysis, material control, time and motion study, marketing, and accounting.

The students are paid at the regular wage rate for the type of work done with their company. The great advantage of the co-op courses is that they give an opportunity to study practical applications in industry of the technical theory of the classroom.

2400 Research Projects In Last Five Years

"Industrial Research Progress at Armour Research Foundation" is the title of an article appearing in the December issue of the News Edition of the American Chemical Society. The article noted that in the five years that the foundation has been in existence a total of 143 long-term research projects have been undertaken. The number of short-term investigations initiated now number about 2300. All this work has been done for a total of 1050 companies, individuals, and other agencies, who have availed themselves of the services and facilities of the Foundation. The unusual success enjoyed by the foundation may be credited to their method of research, which constitutes the Armour Research Plan. Under this plan, which at present is very unique in the field of research, the responsibility for a project is given to the foundation as a whole, which then assigns qualified men to the job. This system provides for those persons engaged in research the benefits of all the facilities of the Foundation, including equipment and the knowledge of qualified men in many diversified fields.

Another feature of the plan consists of periodic meetings in which all the men engaged in research get together and discuss any problems with which they may be having any difficulty. The effectiveness of the idea may be illustrated by the following: One of the Foundation's men was having difficulty in trying to find a new, more effective method for mixing the components of chewing gum. During one of the periodic discussions a metallurgist suggested freezing and pulverizing the individual components, and then mixing them, and a new industrial process was born.

The Research Foundation has now added the new experimental engineering building to its facilities, and is now building a metallurgical research building, which is expected to be in full operation by March of 1942. In addition, sixteen new laboratories have been added, including ceramics, airflow, stress analysis, and Diesel laboratories.

Travel Film Shown Faculty Womens' Club At Party In Union

Julia Beveridge Scholarship Party, sponsored by the Faculty Women's Club, was held Saturday, January 17, at 7:00 p.m. in the Student Union. Professor Henry P. Dutton, Dean of the Evening division, contributed his part to the entertainment by showing some of his travel pictures. During the course of the evening all persons attending had the opportunity to partake in any of the games that had been planned, play cards or buncos, or dance in the lounge.

An Afghan quilt, made and presented by the Welfare Service Group, was raffled. The proceeds from this raffle were placed in the Julia Beveridge fund which provides scholarships for either Armour or Lewis students.

At the monthly meeting of the Literary Forum of the Faculty Women's Club on January 29, Miss Mollie Cohen, member of the language and literature department, will speak on Tangore, Hindu Poet and Philosopher. This meeting will be held at the home of Mrs. Henry T. Heald.