

FOUR

Award Poulter ARF Medallion

Lt. Comdr. Thomas C. Poulter recently received the annual recognition award for outstanding contribution in scientific and engineering research at the Armour Research Foundation of Illinois Institute of Technology. A member of the Foundation staff since 1936, Dr. Poulter, who won the Congressional medal in 1938 for his work on Polar research, accepted the citation from Dr. Jesse E. Hobson, director. The staff presented the award winner with a gold watch. Following the presentations, Dr. Poulter awarded certificates of merit to 70 members of the Foundation's national defense research committee.

Musical Instruments Are Available for Student Use

A number of musical instruments, owned by the school and under the care of O. Gordon Erickson, music director, are available for use by students with band or orchestra experience. This is an opportunity for civilian students who used such instruments in high school and do not have one of their own. Included in the list are the viola, cello, bass, trombone, baritone, bass horn, and drums.

Allan Kukral Elected Head of Aeronautical Society

A/S Allan Kukral was elected president of the Institute of Aeronautical Engineers at a meeting last Friday. Other officers elected were David Meyers, vice-president and Joseph Viece, secretary.

Physics Club Views Electron Microscope

"The Electron Microscope" was the subject of the day for the Physics Club at its meeting last Friday. Dr. Paul L. Copeland, professor of physics, spoke on the history and theory of magnification and on the working principles of the electron microscope.

He told how electron optics are applied in the projection of the image of the specimen onto the final visible fluorescent plate. For this purpose, magnetic lenses are used which cause a beam of electrons to converge or diverge much as optical lenses focus light.

After the lecture, the institute's own electron microscope was demonstrated by Mr. K. Rothschild of the physics department. Microscopes of the type of IIT's R. C. A. model use 60,000 volts which cause distances of .05 Angstrom units to become visible. This means a 10,000 power magnification. By substituting a photographic plate for the luminous screen, photographs may be taken and enlarged so that a magnification of 100,000 power is obtainable. Pictures taken with the microscope may be seen on the bulletin board outside the laboratory in 312 Physics Building.

Electron microscopes are much in demand by industry, and this one is no exception. Useful work has been done for outside firms.

Last semester's officers of the Physics Club are being retained for this term; namely, President, Pasquale Porcelli; vice-president, Herbert Reisman; secretary-treasurer, Grant Medin, and corresponding secretary, Clinton Parsons.

4B Seniors Draft Social Schedule For Next Semester

In order that the social committee might better plan activities for the coming semesters, the 4B class members were asked to list their preferences at a meeting last Friday. Robert Browning, class president, asked the thirty-four attending members to list the functions they would want to attend and turn the "ballots" back to Harry Knowlton, social chairman. This democratic way of selecting class affairs is expected to result in good support and should at least satisfy a majority of the new senior class. Suggested activities included formal and informal dances, beach parties and other outings and, of course, a stag.

Tutoring Facilities To Be Reorganized

The opening of the IIT free tutoring service in the near future has been announced by Don Albert. The schedule is as yet tentative, but as planned, the hours will be from 8 a.m. to 2 p.m.

The new office is located on the first floor of Machinery Hall, inside the first door to the right beyond the entrance on 38rd Street.

The schedule, when drawn up, will be placed on the dean's bulletin board and on the door of the tutoring service office. The hours that the individual tutors will be available will be posted with the schedule.

The tutoring service is sponsored by the Interhonorary Council.

Armour Mission Library Forms Nucleus of College's Collection

The history of the Armour library dates back to the time when the Armour Mission was founded by Mr. Joseph F. Armour, a member of the Plymouth Church. Before the building was completed, Mr. Armour died, and his older brother, Mr. Phillip D. Armour, brought the Mission to completion in 1887.

Shortening of Lewis Semester Will Aid In Move to Armour

The summer term at west campus will end on August 25 instead of August 31 so as to avoid holding classes while moving is in progress.

Many classes will be held on Saturdays in order that all class room requirements of the full sessions shall be met. Many special arrangements have been made in the next five weeks in order to accommodate all the laboratory periods of students of home economics, physics, and chemistry.

Dean Larkin has announced that all department heads should check their inventory and to see that arrangements have been made for transferring office and laboratory equipment. This will apply especially to the equipment of any Lewis instructor who may not be in residence this summer.

Show ARF Recorder To ASME Members

A meeting of IIT's student chapter of the ASME was held last Friday during the eleven o'clock free period. Over a hundred members and prospective members were called to order by Morton Spector, chapter president, urged to join and renew membership in the ASME, and given a demonstration of the wire recorder.

Mr. Hadley of the ARF, assisted by Mr. Fischer, demonstrated the operation of the revolutionary recording device and emphasized the fidelity of tone and permanence achieved through magnetic impressions on a fine wire. The ARF's famous brain child was also a source of amusement, as it was run backwards and gave out with what seemed a perfect sample of Japanese gibberish.

Brief talks on ASME membership by Spector and Professor Budenholzer resulted in a storm of applications and sixteen new memberships paid for on the spot. Others will be given a chance to file applications (and \$3.00 yearly dues) this Wednesday from twelve to two in the Student Union lobby and at the end of the Navy pay line, Saturday. Membership committee-head John H. Schmidt also mentioned that members who wish to renew their society affiliation may do so at those times.

TECH TIME TABLE

All items appearing in Tech Time Table will be those which are scheduled with Dean Tibbals. No other items will be used.

MONDAY, July 30

IFC (treasurers), 5 p.m., Registrar's office
IVCF, 5 p.m., Auditorium
Armour I, 5 p.m., Clubroom
Alpha Sigma Phi, 5 p.m., 205 Chapin

TUESDAY, July 31

Alpha Chi Sigma, 5 p.m., 405 Main

SUBC, 5 p.m., SUBC office

THURSDAY, August 2

Alpha Chi Sigma, 7 p.m., lounge

FRIDAY, August 3

All School Musical program, 11 a.m., Auditorium

The Mission became a center for the underprivileged of the neighborhood, and many people from the Plymouth Church served in the Sunday school and boys' handicraft classes. A library was begun, and in 1887, Mrs. Julia Beveridge, Sunday school teacher, was appointed librarian. She had had an active part in bringing the neighborhood boys together into groups for instruction and training.

When the Armour Institute of Technology was built in 1893, a library was started there under the direction of Miss Jessie Van Vliet. When she left in 1899, Mrs. Beveridge became librarian at the Institute. The Mission library collection was incorporated with the Institute library about that time.

Mrs. Beveridge served as librarian for twenty years. Her work was terminated by her death in June, 1919, which resulted from a skull fracture when a bakery "auto-wagon" struck her while she was on her way to work. Her picture may be seen in the library on the east wall by the windows.

Her successor was Miss Nell Steele, who resigned only last spring. Miss Steele had worked at the Art Institute library. It was during her term of service that the greater part of the library of today was set up. While maintaining a steadily-expanding and up-to-date engineering collection, Miss Steele also introduced cultural subjects, such as photography, travel, and music.

Immediate plans for the library are uncertain, but Mr. Hyde, the new librarian, says that temporary accommodations will be provided in which the Lewis and Armour collections will be combined.

Plans for a new library are included in the campus development program. This will provide ample room for the combined libraries.

White Collar Girls Plan Picnic in Jackson Park

The White Collar Girls, the most recently formed club at IIT, is holding a picnic for members, non-members, and their friends on Saturday, August 11. The club will meet in front of the Museum of Science and Industry in Jackson Park, at 57th street, between 1 p.m. and 1:30 p.m. Members are invited to bring their friends and relatives. Those attending will be expected to bring their own lunches, but the WCGC will furnish all soft drinks. There will be swimming, cards and buncos for those interested, according to Dorothy Kalinak.

For the best girl friend—

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NAVAL NOTATIONS

Quarters #2

Seen hobbling into the quarters on crutches last week was Bill Stewart. Seems he got his legs all fouled up playing softball. It is anticipated that "Fip" Mathews and Ralph Raming will be quite handicapped for a while until the third member of their "big three" recovers.

The installation of red, very red, exit lights several weeks ago caused quite a bit of comment at the time. Most of the men have become accustomed to the glow in the passageways after lights out by now, however.

Through the kindness of the Red Cross a console radio found its way into the lounge of the quarters. After three days someone figured out how to turn it on. Now all that remains is to get the phono-recorder and public address attachments working.

Particularly evident among the changes in the quarters this term is the neatness of the bulletin board. It is suspected that this is due to "I'm not drunk, just dizzy" Lennox. It is little things like this that make a home a home.

Quarters #3

Betrayed by fatigue riddled nerves, several quarters men were seen to hit the ceiling when Bob Gentile plugged in his latest electrical contrivance. Robert's device is supposed to be a fan, but there must be some other name for an automobile fan attached to a noisy quarter-horse-power motor. As a creator of breeze, the contraption is fine, but one undesirable trait cropped up when Art Overn, quarters MA, felt himself drawn from his study chair in the hold and was only saved from the whirling blades by quick action on the part of Gentile. Bob pulled the plug.

A laughing group of the boys was spied at the foot of "Robbie" Robertson's sack early Sunday morning. Object of their jests was a pair of shorts, said shorts hanging on Robbie's sack. His story was that he had been sitting on a red leather chair the night before and that the incriminating coloring had "come off." The boys, needless to say, believed otherwise.

Quarters #5

Last Tuesday Paul Bruening, the handsome brute, had two pretty visitors in the form of twins. As a reception Paul had rounded up about half the quarters; or was that voluntary? The girls' last names are Wood, but we wonder just who has who in the woods.

The fellows in the quarters are lining up their dates for the Integral dance. The great lovers in the quarters, of course, have nothing to worry about. The romances always have a couple on the line so they merely have to choose which one has the nicest car, but we also have the adventurer type who go out the night of the dance with a net, a club, and a great big line. To the first group is wished a most memorable evening; to the hard-boiled, or is it half-baked, romances we wish you run out of gas at the right time.

Quarters #6

The new coke machine has been installed and is in full operation. "Keeper of the Cokes" Ferguson toiled several long hours getting the plug inserted in the proper socket and filling the cooling tank with water. It took a six-hand working party to get the 90 pound dispenser from quarters #2 to #6. Sp(A)2/C Mayer offered a reprieve from calisthenics that morning to any volunteers, but Sp(A)4/C Hardman, calisthenics instructor, had to draft a squad of bonecrushers to handle the task.

The Honor I initiation turned out to be a rough party for several boys, including Bob Freund and Pete Browning. The green pledge, Bob Hauser, sometimes known as "Sponge" Hauser, made them look like high school freshmen at their first cocktail party. Herb Schnabel and "Dog" Reed may both take credit for the training Hauser received for this function.

Quarters #7

This week was a memorable week in the history of this quarters. As an indication of how much the boys are "on the ball," one has to just look at the liberty list from last Wednesday night. A total of two men from the entire quarters took liberty that night.

After watching a colored softball

team playing in the field adjacent to the quarters for the last few months, the boys under the leadership of Almond Branch decided to take the team on in a game. After 17 innings the score was 33 to 8 in favor of the colored team. The men were downhearted until they learned that this team was the Chicago Herald-American city softball champions of last year. Credit should be given to Bob "Butterby" Schrotzberger, Bruce "Sleepy" Miller, and P. P. (what do ya mean) Martin for their excellent work in keeping the score down.

Those endearing young charms of Richard Lander seem to have won the heart of at least one Detroit damsel. It was only last Friday that Quarters #7's glamour boy received a perfumed soaked letter emblazoned with a tempting lip print and "S.W.A.K." in bold black letters. His buddies are vainly trying to determine what the qualities are that Dick possesses which make his women swoon so.

The fellows in quarters are still wondering what caused Bill Cannon to suddenly get up in the middle of the night and run around declaring "the Japs have quit!" No, he wasn't dreaming. It was just due to Carl Child's and Charley Hohmann's practical joke on their sound sleeping and unsuspecting buddy.