

Enrollment In Tech Courses Breaks Record

by Bill Laube

"Well, they straggled in gradually until the sixteenth—and then they came in droves." Such was the comment in retrospect, as it came from the registrar's office last week, concerning this semester's registration. Even before that, remarks could be heard floating around the campus, such as:

"Man! I waited THREE hours in that line!"

"HHHHHHH! I'm glad that's over!"

"MUST I go over there? They're lined up from one end of the hall to the other—and back again!"

In the day school alone, the registration at Armour College amounted to 1362, an increase of almost 20 percent over last year's total of 1140. The freshmen were shattered the record completely with 411 members, as compared with last year's 337. This increase was dramatized by the necessity of using three rooms for the orientation tests this year instead of the previous two.

In the other classes, gains are shown also. This year's sophomore class is 310 strong, 14 more than last year's class; the juniors have jumped ahead by 80 members, making 299 the present total; and the seniors have increased by 33, with a present membership of 215. The graduate division shows a spectacular gain of 44 percent with an enrollment of 72 this year.

Departmental gains show the mechanicals to be ahead with 491 members as compared with 370 last year. The electricals stand at 230—last year's membership was 194. Civil engineering students have risen from 95 to 115, while the "chems"—fourth in increase, but second in size, have stepped up from 308 to 323. Next come the architects—81 students last year; 93 at present—and then the fire-protects with an increase of two over last year's 80.

The greatest percentage gain, however, is in the science department. They have more than doubled their number, this year's enrollment being 25, while last year's was twelve. This is due to an increase of graduate students, from three last year to 22 at present.

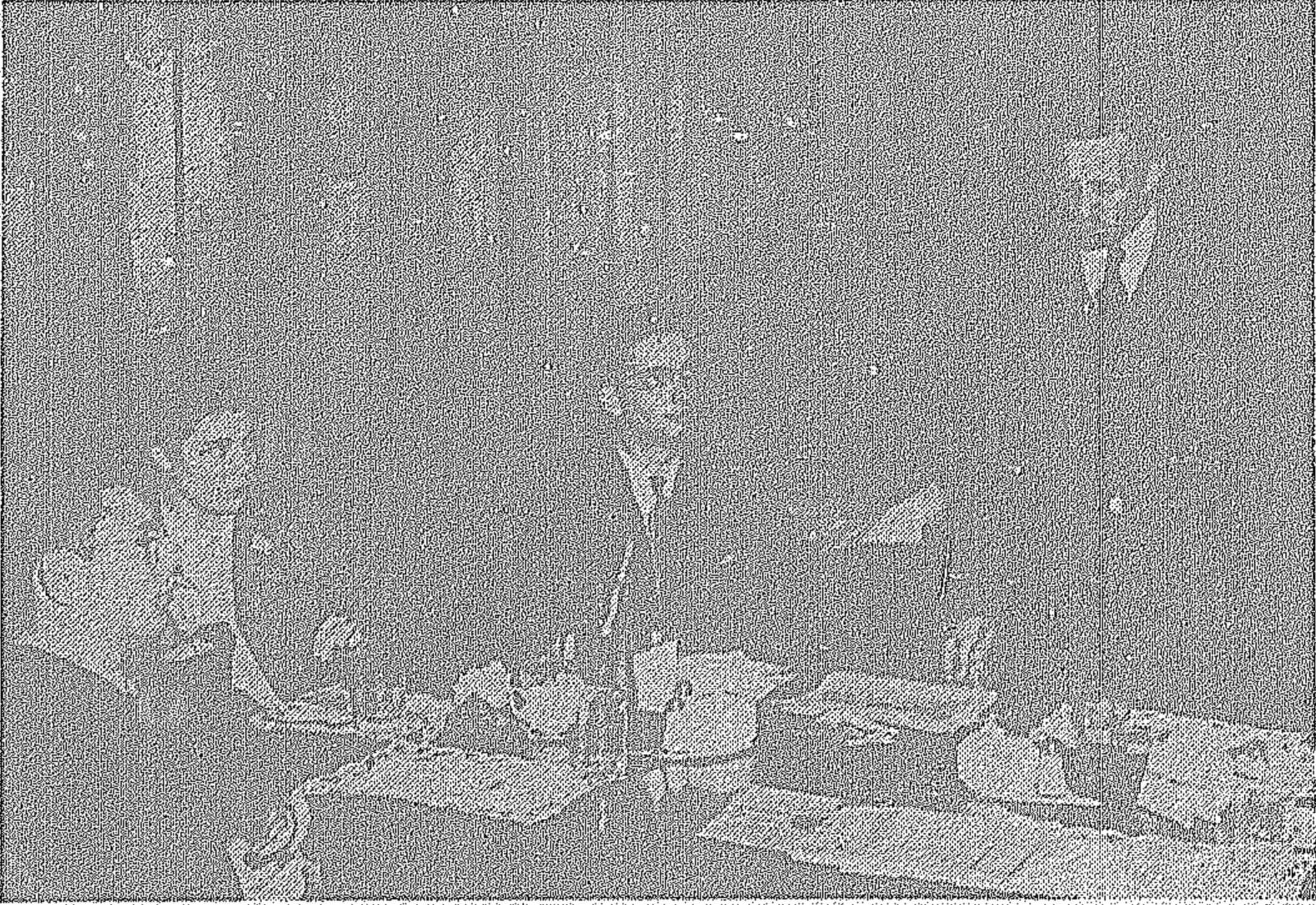
THIS WEEK AT I.I.T.

October I—Tuesday
Assembly at Lewis, 10:30 A.M.
Orchestra and Glee Club practice, 5 P. M.

October III—Thursday
Student Union H. K. N. meeting in "Sonny" Weissman's office, 3 to 4 P. M.
Wrangler meeting in east dining room at 7 P. M.
Theta Xi Fraternity Supper in Dining Hall at 6 P. M.
Orchestra and Glee Club practice in Student Union, 5 P. M.

October IV—Friday
A. S. M. E. meeting in 305 M. at 10 A. M.
A. I. Ch. E. meeting in 202 M. at 10 A. M.
A. I. E. E. meeting in 2 W. Student Union at 10 A. M.
A. S. C. E. in 404 Main, 10 A. M.
F. P. E. S. meeting in 405 M. at 10 A. M.

STAFF HEARS HENDRICKS



Professor Hendricks speaks as the Technology News staff gathers for its first "get together" meeting. Shown at the speaker's table are: (left to right) Fred DeMoney, sports editor; Lillian Snodgrass, managing editor; Peter H. Woods, editor in chief; and Mr. Hendricks.

Scientists Meet For Final Tests In Record Leap

Armour Research Foundation of Illinois Institute of Technology was the scene of a gathering of scientists from the University of Chicago and Northwestern University on Monday afternoon, September 23. They met in the laboratories of the Research Foundation to conduct final tests, preliminary to the planned 35,000 foot scientific parachute jump by amateur Arthur H. Starnes. Starnes, who has already made two preliminary high altitude jumps at 12,000 feet and 18,500 feet, will make the 35,000 foot leap within the next ten days in the interests of science.

Foundation Experts Conduct Test
These tests, carried out under the direction of Foundation experts with the cooperation of medical experts from the above mentioned universities, were the final stages of tune-up preparations for the jumps which is expected to solve some of the problems of startosphere flying. They were unique in the history of science and aviation in that they simulated the actual conditions which Starnes is expected to encounter when he plunges towards the earth from the dizzy seven mile height.

Primarily it is necessary to determine whether it is possible for the human body to withstand the
(continued on page nine)

ORIENTATION DAYS INTRODUCE FROSH TO ILLINOIS TECH

Likened to the toe dipped into a cold lake before the final, icy plunge, orientation week is planned to give the new students a perspective of the Institute before they settle down to the hard grind. Bright and early on the morning of Monday, September 16, the new students went through the process of registration and enrollment. After registration various social events were sponsored by the fraternities to interest the prospective brothers.
(continued on page seven)

Famed Writer To Teach New Courses Here

The appointment to the faculty of the eminent journalist, M. W. Fodor, was announced last Friday by President H. T. Heald. Mr. Fodor will teach two evening courses on the Lewis Campus entitled "War, Peace and the New Europe," and "World War II." At the same time, he will teach two day courses in engineering on the Armour campus.

Eminent Correspondent

Mr. Fodor is perhaps best known to the students of Illinois Tech for his brilliant work as a free-lance foreign correspondent on the staff of the Chicago Daily News. Born in Budapest, Hungary, he received his primary and secondary engineering training in England and Hungary and did post-graduate work in Germany and Switzerland. With such a diversified and thorough training Mr. Fodor is certainly qualified to teach engineering. As further qualification he has several years experience as assistant manager of the melting department of the Frodingham Iron and Steel Works Ltd., of England where he later established and directed the metallurgical research department.

Varied Experience

In 1919 he began his career as a European correspondent, traveling to Central Europe as a reporter for the Manchester (England) Guardian and in 1921 was appointed staff correspondent for that paper. During 1921-22, he wrote articles under a joint by-line with Miss Dorothy Thompson in the London Nation and the New York New Republic.

With the advent of the tense international emergency, Mr. Fodor became a special foreign correspondent for the Chicago Daily News in 1936 and held that position until just recently when his presence in Europe became undesirable to the dictators. As special correspondent for the Daily News Mr. Fodor traveled extensively and wrote especially direct and revealing articles about Central European and Balkan affairs and
(continued on page seven)

New Publication Heralded At Technology News Dinner

Merger of Two Schools Finally Consummated

by Dan Brown

Illinois Institute of Technology, a consolidation of two great technological institutions of learning, Armour Institute and Lewis Institute, officially opened its doors on Monday, September 16th, 1940. The new school, with its expanded curriculum, its larger faculty, its increased capital and its enlarged all-around facilities, promises to be the greatest technological institution in the country — second to

Two Former Papers Now Fully Combined

by Tom Brown

It was at this quiet dinner in the faculty club of Armour's Student Union, Friday night, Sept. 20, that a new voice and a new spirit were christened and the last vestiges of separate newspaper management of Armour and Lewis colleges slipped away into oblivion. The result—this, the first issue of Technology News, replacing as channel of student expression, the old Armour Tech News and Lewis News.

Paper Gets Its Name

For those of us present, who had worked on the old staffs, the event was an exciting one, filled with expectant promise, yet colored somewhat by the pleasant, perhaps poignant memories of our past associations and pleasant hours of effort together. This was, so to speak, a "New Year's Eve", with the unsung haunting strains of "Old Lang Syne" intermingling with the exuberant cries of "out with the old, in with the new". We were presenting you then, please, with your kind permission, a different journalistic philosophy, and unqualifiedly sincere promise of effort, and a volume of enthusiasm. Call it what you will . . . we called it TECHNOLOGY NEWS.

New Staff Announced

Peter H. Woods, Editor-in-chief, filling the position of master of ceremonies, spoke first, after the material spirits of the assemblage had been duly soothed with halibut and roast beef. Woods first introduced the representatives of Lewis College, namely Lillian Snodgrass and Alda Kairis. Discussed immediately were the various staff members who will serve in guiding the new paper on its course. Two staffs have been created, one at the Lewis campus, and the other at the Armour campus. Each staff is headed by a separate managing editor. The managing editors are in turn under the supervision of the editor-in-chief, the
(continued on page three)



Henry T. Heald

none—and certainly among the top-ranking schools in the teaching of the arts and sciences.

Heald at Helm

The administrating staff at the new school will be headed by Henry T. Heald while Linton E. Grinter will take over the duties of the vice-president. The dean of Lewis Institute will be Clarence E. Clark, and Charles A. Tibbals will continue his deanship at Armour College. James D. Cunningham will head the Board of Trustees, and Alex D. Bailey will act as vice-chairman.

For the present, Illinois Institute will function as a university made up of two colleges, Armour College of Engineering and Lewis Institute of Arts and Sciences. Approximately 60 of the freshman engineering students are now attending Lewis, and the remaining freshman, numbering over 300,
(continued on page eight)

Co-Eds Conduct Armour Visit To Lewis Campus

By Lillian Snodgrass

"Blitzkrieg"! A group of Armour fellows invaded Lewis. Armed only with a camera, they were accompanied around the Lewis "campus" by several Lewis coeds so they might see the many interesting places of which we are justly proud. And did we show them the spots? Indeed we did. From the catacombs of the basement to the sixth floor where the boys were privileged a glimpse of the sorority apartment; from the office of Dean Clarke where Editor Pete Woods chatted with the Dean to the farthest engineering lab. From the top of our school to the bottom, nothing was missed.

Ceramic Department Interesting
The boys were obviously interested in the Lewis Ceramic department and, perhaps, as interested in the coeds working there. Lewis is one of the three institutions in
(continued on page three)

The first assembly of Illinois Institute at Lewis will be held today at 10:30. At this assembly the following faculty members will be presented:

- President Heald of the Illinois Institute of Technology
- Dean Tibbals of the Armour College of Engineering
- J. J. Schommer, Director of Physical Education
- G. N. Stenger Instructor in Physical Education
- Bernard Weissman, Coach in Physical Education and boxing
- Samuel Bibb, Coach of Golf
- Norman Root, Coach of Track
- E. W. McGillivray, Coach of Swimming
- Meyer, Coach of Basketball
- O. Gordon Erickson, Musical Director
- Mrs. Olive Pierce Hazel, Director of Physical Education for women.

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Draft Exemptions—

Best news of the month to college students throughout the nation is their exemption until July 1st, 1941 from the peacetime draft. The Selective Training and Service Act of 1940 provides, in substance, that any student enrolled in a recognized college or university for undergraduate or graduate work during the school year 1940-41 will at his own election be exempt from the training program until the end of the school year. However, it is to be noted that all persons in the age group 21-35 must register on the day appointed (October 16, 1940) whether they believe themselves exempt or not.

The section of the act which applies to college students is as follows:

"Any person who, during the year 1940, entered upon attendance for the academic year 1940-41—

(1) at any college or university which grants a degree in arts or science, to pursue a course of instruction satisfactory completion of which is prescribed by such college or university as a prerequisite to either of such degrees; or

(2) at any university described in paragraph (1), to pursue a course of instruction to the pursuit of which a degree in arts or science is prescribed by such university as a prerequisite; and who, while pursuing such course of instruction at such college or university, is selected for training and service under this Act prior to the end of such academic year, or prior to July 1, 1941, whichever occurs first, shall, upon his request, be deferred from induction into the land or naval forces for such training and service until the end of such academic year, but in no event later than July 1, 1941."

While it is not implied here that the cross-section of college students disapprove of peacetime selective service, most of them will without doubt be grateful for this opportunity to complete the college year in which they are now engaged.

Faculty Briefs—

By Pat Arns

Instructor in Physics and Electrical Engineering in 1896—Assistant Professor in Physics and Electrical Engineering in 1902 — Professor in Physics and Electrical Engineering in 1908—Dean from 1932 to 1940—Co-Director of Lewis Institute from 1938 to 1940—Member of Western Society of Engineers — American Institute of Electrical Engineers—Illuminating Engineering Society — Fellowship American Association for Advancement of Science—Member of the Physics Club of Chicago—Chicago Engineers Club—Society for Promotion of Engineering Education—Listed in Who's Who in Engineers—In American Education—in American Men of Science.

"Pop" Rogers retired from teaching August 31, 1940 from Lewis Institute. At present he is consulting engineer affiliated with the Armour Research Foundation.

His young spirit—his sparkling eyes—his keen wit—joyous sense of humor—and helpful advice will not be forgotten by his friends and students at Lewis.

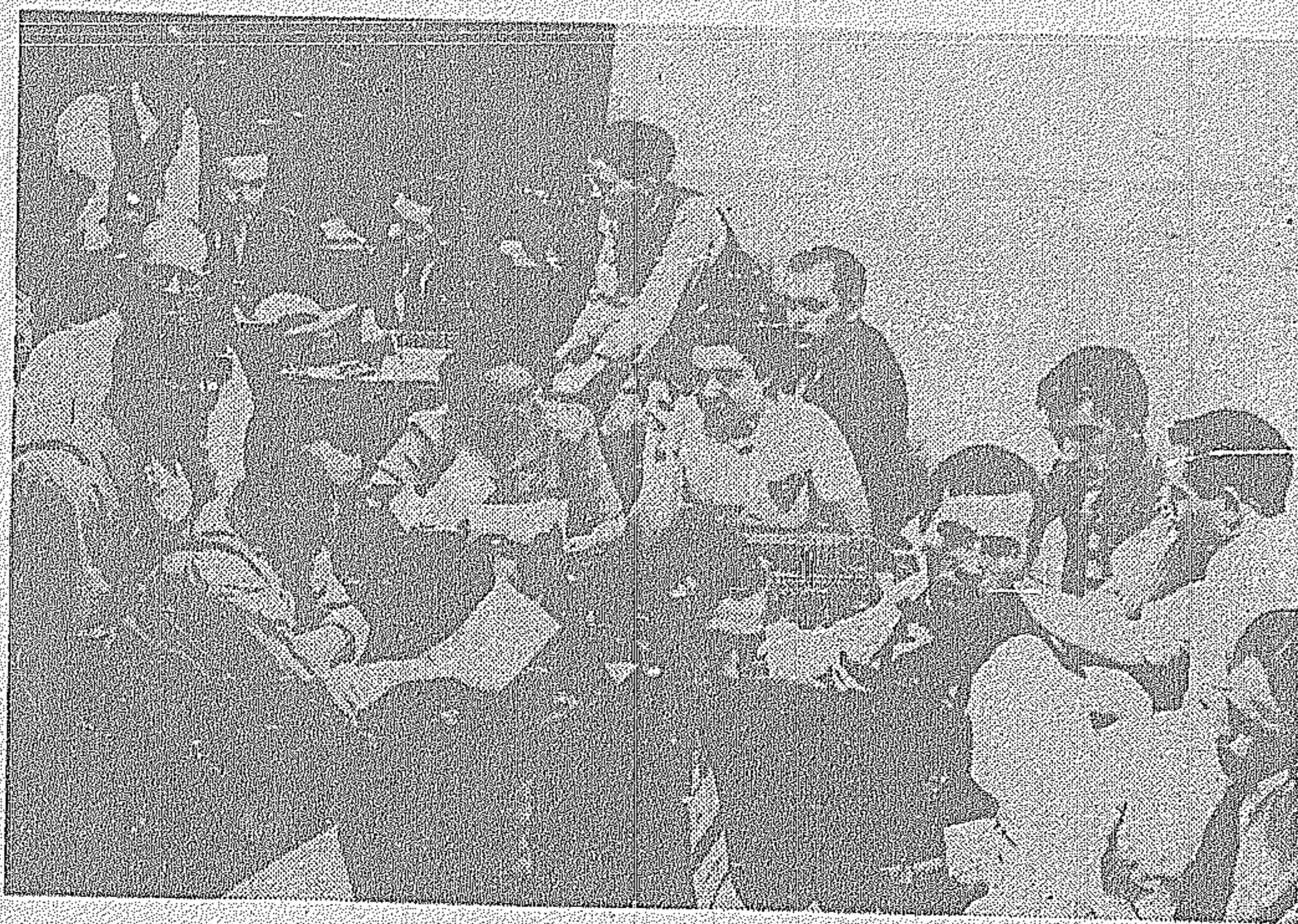
PSYCHOLOGY DEPARTMENT

Last spring the Encyclopedia Britannica contacted Cornell and Harvard Universities, asking for suggestions with reference to the chapter on experimental psychology for the new edition which is to appear next fall. The members of the psychology departments from both schools, Dr. Dallenbach of Cornell and Dr. Lashley of Harvard suggested Dr. Boder, of Lewis, in view of his experience in this field as the Executive Director of the Psychological Museum, to be selected for this task.

After examining the present text, Dr. Boder requested the editors for more space, and this was granted. Instead of limiting the material to that from the laboratory of the Illinois Institute of Technology and the Psychological Museum exclusively, he wrote to the psychology departments of Cornell, University of Kentucky, University of Chicago, Purdue, and the Michael Reese Hospital for pictures of the experiments for which they are most noted. These new illustrations are of animal and human subjects instead of consisting merely of intricate machinery.

As a result, the forthcoming edition of the Encyclopedia Britannica will have a more comprehensive and enlivened set of illustrations accompanying the chapter on experimental psychology.

New Staff "Digs In"



Industrious activity is the theme of this action shot of the News office as the new staff struggled with this first issue. At the rear table are (left to right, seated) Dan Brown and Tom Brown, Assignment Editors; John Kucera, News Editor; and (standing) Professor Hendricks, Faculty Advisor and Jim Waber, Saturday Editor. Left to right at the center table are Professor McColley, Guest Advisor; Art Hauswald, Saturday Editor; Bud Murray, Columnist; Alda Kairis, Columnist; Lillian Snodgrass, Managing Editor; Art Minwegen, Feature Editor; and Mike Kunz, Columnist. Seated at the extreme front are Bernard Chertow, Copy Reader; Bob Mead, Copy Editor; Ed Hanuska, Columnist; and Don Knief, Columnist.

Greetings, Students of I.I.T.

We of the Technology News staff present to you with considerable pleasure this first copy of the "World's Greatest College Newspaper." We hope that you enjoy and will continue to enjoy the material included in these pages.

Our aim has been to effect a merger (patterned after a larger one) of the material, spirit and staffs of two outstanding college newspapers—the Armour Tech News and the Lewis News. If we have not succeeded we would like to know about it. A signed letter to the Editor-in-Chief or to your Managing Editor will receive immediate attention.

Since it is customary in a first issue to include a statement of policy, we present the following planks of the Technology News platform:

(1) Contrary to the practices of some "World's Greatest" publications, the Technology News will confine editorial thoughts to this page and will endeavor to present all the news of interest to the students of Illinois Institute of Technology in a straightforward and unbiased manner.

(2) Editorials printed in these columns will be written on the basis of constructive criticism (favorable or unfavorable) of Institute and national affairs as suggested by student spokesmen—"blowing off of steam" will be discouraged. Students will be encouraged to write their own editorials in the form of signed letters to the editors.

(3) Our feature material will continue along the lines developed in the Armour Tech News and the Lewis News in presenting "The Most Copied Humor Column in the Middle West" as well as complete gossip coverage of Armour, Lewis, and Art Institute divisions.

(4) The Technology News will continue the policy of its predecessors in welcoming to its staff all students of I.I.T. interested in journalistic work.

We regret that we were unable to place immediately all those that applied for staff positions last week. However, every person who registered with the Assignment Editors will receive appointments within a very few days.

As they have in the past, students at Armour College will pay the subscription price for this newspaper in their regular activities fee. However, since Lewis Institute has not as yet developed such a compulsory fee, the Technology News will be distributed to Lewis day school students at no cost to them for a few issues and until some arrangement is made for a regular subscription.

Though it spreads across the entire nation, the Bell Telephone System is simple in structure. You can think of it as a tree.

BRANCHES

The 24 associated operating companies... which provide telephone service in their respective territories.

TRUNK

The American Telephone and Telegraph Company... which coordinates system activities, advises on telephone operation and searches for improved methods.

ROOTS

Bell Telephone Laboratories... whose functions are scientific research and development; Western Electric... manufacturer and distributor for the system; Long Lines Department of A.T.&T.... which interconnects the operating companies and handles Long Distance and overseas telephone service.

* * *

With common policies and ideals, these Bell System companies work as one to give you the finest, friendliest telephone service... at lowest cost.

Many Noted Men Conduct Classes In Summer School

Much enthusiasm was shown by the graduates of Armour College to make this last summer's graduate session an immense success. One hundred students were expected to return but 165 graduates chose to return.

The summer session brought together some of the foremost minds and experts on essential industrial operations and theories. It also served the imperative purpose of training graduate men for aiding in the national defense program. Among the realizations reached was the sudden need of good and qualified engineers to inaugurate and supervise the national defense program. For this reason, through the efforts of "The Defense Co-ordinating Board of Armour College," the summer session emphasized courses with an outlook toward training such engineers.

Noted Men on Staff

Among the 16 well-known experts, serving on the instructing staff, were: Stephen P. Timoshenko of Stanford University, Hans Reissner of Armour College, C. C. Furnas of Yale, I. C. Morrell of Universal Products Company, W. L. Everitt of Ohio State University, Gabriel Kron of General Electric, and Max Jacob of Armour.

The courses given were, in the main, practical and useful in the light of home defense preparations. Preparations for air expansion was indicated by courses in aerodynamics in aviation, use of catalysts in the oil refining and gasoline producing industries, and applications of theory of elastic stresses in thin sheets and shells (such applications are tremendously important in airplane forelay and wing construction).

Variety of Courses

General power production, machinery, structure construction, and maintenance was considered in such courses as: Yellot's Steam Power Plants, Karelity Bearings and Lubrication, Jakob's Heat Conduction and Insulation, and Grinter's frame design course. In the Civil Service field were such courses as: Maver's Structural Mechanics which dealt with the analysis of structural members, sewage treatment and water treatment. In the field of organization were courses on efficiency and personnel work given by experts in the field of economics.

38 FLEDGLINGS NOW COMPRISE CAA AT LEWIS

by John R. Knapp

Sailing thru the clouds, breezing along in the cool upper atmosphere away from the cares of the world; this was the way a group of Lewis students spent the summer. They were taking the intensive summer flying course offered to college students by the Civil Aeronautic Administration. This last group brings the number to 38 air-minded Lewis students to get their private pilot licences since the start of the program early in the year.

The course is divided into two parts: the ground school and flight instruction, both parts running concurrently.

The 48 hours of ground school instruction are given at Lewis by a group of Lewis professors under the directorship of Professor P. G. Andres. The course consists primarily of Meteorology and Air Navigation. The Flight training is carried on at Elmhurst Airport by Harold Harbican and the Henry Douglas Airport in Cub and Porterfield Dual-Control training ships.

Requirements Given

A new group is being organized now to begin their primary training, and anyone who can come within the following requirements can start in now to learn aviation.

1. Citizen of the United States.
2. Between the ages of 19-25 inclusive.
3. Currently enrolled in College and satisfactorily completed 1 year of college, or if not now enrolled in college, must have satisfactorily completed two or more years of college.
4. Must successfully pass a physical examination.

An advanced training group is being organized for those who have completed the primary course and are interested flying higher powered machines and more advanced ground school. Due to the highly technical aspect of this work it is being carried on at Armour in conjunction with the University of Chicago. The requirements for this course are more rigid but 16 are already enrolled and there is room for a few more.

NEWS DINNER-

(continued from page one)

speaker himself. Since the names of the staff members appear in the masthead, they need not be mentioned here. Suffice to say that Joseph Aberer will head the Armour Staff and Lillian Snodgrass, the Lewis staff.

The policies of the Technology News, as were outlined by Editor Woods, are progressively designed to embrace many of the latest successful ideas of journalism. The paper's size has been decreased, so that its scope may not be lessened but vastly enlarged. Integration and coordination of various departments of news from both schools may be more speedily and efficiently handled, it is felt, by smaller dimensioned paper with a greater number of pages. Make-up problems, probably the most trying in news work, are automatically made simpler.

More Photographs

Photography will play a tremendous part in the new scheme of things. The tabloid style truly lends a more vivid method of interpreting life at any college cam-

pus in all its phases. The scope of pictures may be almost unlimited, and need not be confined to the rather limited and somewhat muddy level, hailed at so many colleges and universities.

It is planned, too, that there will be a union of certain phases of news writing and feature writing—thus, little or nothing of the cut and dried monotony of the accustomed straight news description. This is an excellent opportunity to express the individuality of the writer of news stories—an effect which has been found to have great possibilities.

Walter Hendricks Speaks

Speaker of the evening was Professor Walter Hendricks, head of the Department of Language and Literature, and Chairman of the Board of Publications. The address of Professor Hendricks was, in the main, an elaboration on the style of Technology News and an explanation of its origin. The example set by "P.M.", a relatively young New York daily

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Special English Courses Offered To IIT Students

Armour College's English instructors will carry a heavy burden this year. Almost every professor on the staff is scheduled to conduct an elective course in advanced literature in addition to his regular classes.

English Literature Reviewed

Professor Grant McColley has a two hour per week class that covers the first two centuries of English literature from Milton to Huxley. Class will meet at 7:00 P.M. on October 2, at the professor's home, 1439 E. Marquette Road.

Professor Sandford B. Meech, who has returned to Armour after a year's leave at Brown University, has chosen Chaucer and the Middle Ages as his subject. Classes are yet to be arranged, but they will meet two hours every week.

Hayakawa Has Two Classes

Mr. S. I. Hayakawa is conducting two classes. One is called American Ideals in American Literature and meets on Monday and Wednesday from 12:10 to 1:00 in 108 Chapin Hall.

His other class is 101 English which will take care of the overflow of freshmen that swamped Armour this fall. This class meets on Monday and Wednesday at 11:00 in 422 Chapin Hall.

Professor Walter H. Hendricks has a class on Ideal Commonwealths on Tuesday and Thursday from 11:00 to 12:10 in 308 P., and immediately following that, he conducts a course in Advanced Writing in the same room.

A Survey of English Literature from Origins to 1700 will be conducted by Professor Elder Olson on Monday and Wednesday from 10:10 to 11:00, but the room has not yet been announced.

Lewis-

(continued from page one)

the middle west offering work in Ceramics. The department here at Lewis renders service to many artists, schools, and institutions by supplying them with information, equipment, and materials, and by making its facilities for baking and glazing clay available to them. Here dental porcelain which is sold in all parts of the world is manufactured.

Another laboratory which the boys enjoyed seeing was that of our psychology department. While the fellows looked on, a few of the students conducted an experiment on the study of heart action during physical work (filing) by means of the cardiographometer. Dr. Boder, who is a recognized authority in the field of psychology, having started the first Psychological Museum in 1938, aptly told the boys that he had put black ink in the cardiographometer because he knew that Armour boys were not interested in "red tape."

Armourites Gaze at Equipment

And certainly we can agree. The fellows were explicit in their desire to see the engineering equipment. So to the engineering building we went, some of us girls for the first time. There in one of the labs, with the assistance of the boys, we were photographed around an engine of which (truthfully) we knew nothing. I am certain that the amount of engineering equipment at Lewis surprised the boys because out came the camera with which pictorial proof was taken.

Having wandered aimlessly around the Lewis corridors, seeing classrooms and offices as they went, the boys were off to the south side campus with a "so long" and a "we'll be seeing you."

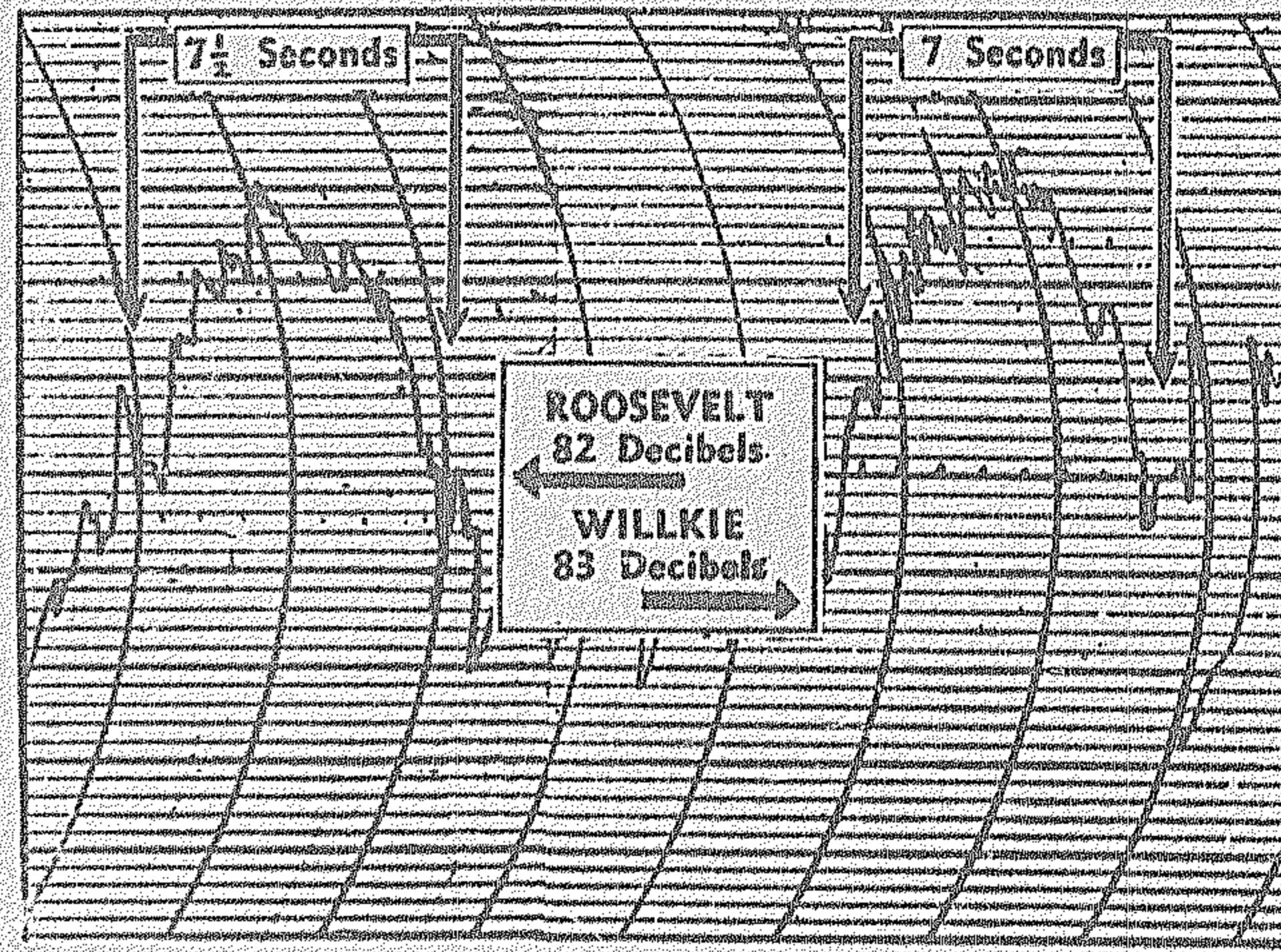
Research Department Develops Machine To Measure Trend of Political Race

by Bob Mead

A new advance in the science of measuring public opinion has been recently added to the long list of accomplishments of the Research Foundation. Dr. H. A. Leedy, assisted by Marvin Camras, Armour '40, has developed the method and technique of measurement under the sponsorship of the Chicago Herald-American newspaper. The apparatus was constructed mainly for the purpose of analysing the reaction of the

rectional microphone is suspended at a height of ten feet above the heads of the theater audience. The sound picked up by the microphone is put through a sound level meter in the form of its equivalent electric current and amplified by a logarithmic amplifier. This amplified current activates the recording machine, which reproduces a graphic representation of the intensity of applause at any given moment dur-

(continued on page seven)



Composite graph showing the applause "peaks" recorded at the Lido Theater in Maywood on Sept. 24—Courtesy of Chicago Herald American.

average theater audience to the appearance of the presidential candidates on the screen. It is hoped that the "Cheerometer" may provide a fast and accurate method of determining the swing of public support to one candidate or the other by establishing its use on a nationwide scale.

In brief, the Cheerometer is an apparatus for recording on a moving graph the intensity and length of time of the applause peaks following the appearance of the candidate on the screen. A multi-di-

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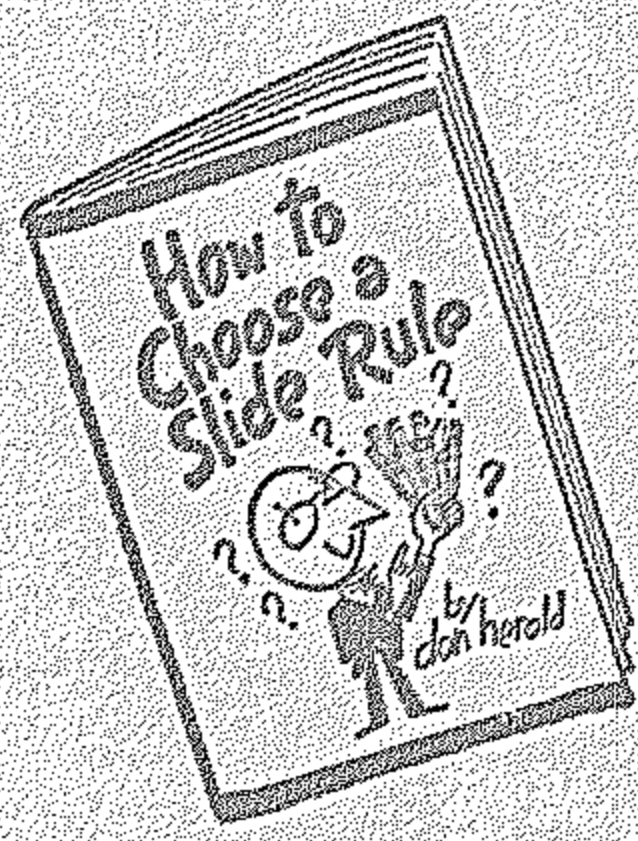


This New Book Makes Life Easy For You... Read

"How to Choose a Slide Rule"

by DON HEROLD

Don Herold takes the mystery out of Slide Rules with this helpful new book. He tells you, in the twinkling of an eye, how to decide on the kind of rule that will do the most for you. The story is simply told, as from one old slide rule slider to another, and profusely illustrated in two dazzling colors, as only Don Herold can illustrate. "How to Choose a Slide Rule" is yours for the asking—providing you ask before the supply runs out. See your campus K & E dealer at once.



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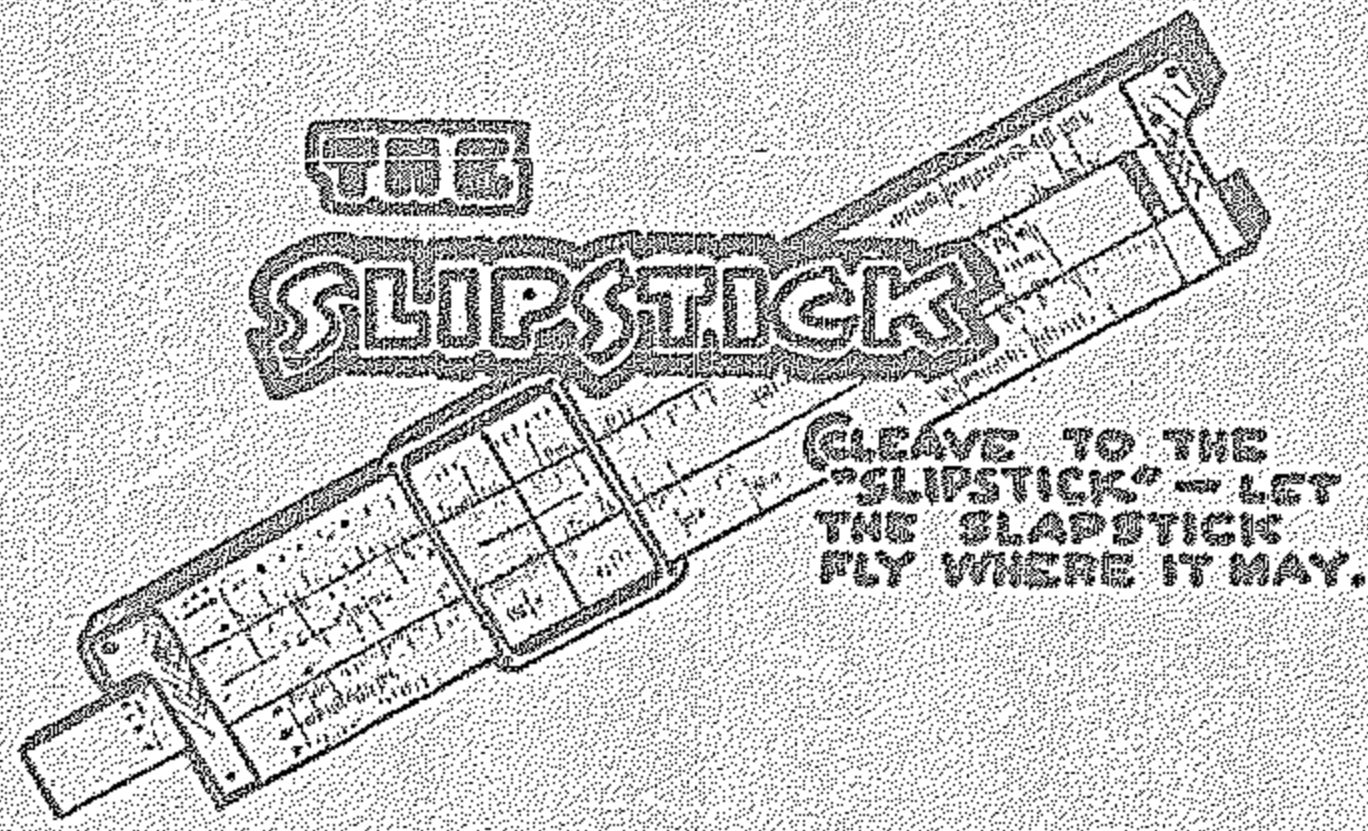
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CO-OP NEWS

by E. P. Hanuska



Hyar we are again ready to wage another losing battle in behalf of tomfoolery, buffoonery, jocularly, idle banter, jocosity, and so forth . . . Fe, Fo, Fi, Fum. I smell the odor of an overdone pun, but come on now let's have a little fun . . .

A railroad man was ready to make his regular turn. His wife instructed him to get her some turkey eggs to set. In passing through a small town, a dirty country lad approached the engineer and asked him. "Don't you want some buzzard eggs?"

Seeking to play a joke on his wife, he gave the lad a nickle for them. About a month later he asked his wife, "How are your turkeys getting along?"

"Oh, I decided it was getting too late for turkeys so I just put them in your lunch pail." (Ed's Note—Whew! Take it away.)

Landlady: "If you don't stop playing that saxophone you'll drive me crazy."

Sax Player: "Ha! Ha! You're crazy already. I stopped playing an hour ago." (Ed's Note: —*/%&?!*.)

Into the cistern little Willie
Pushed his little sister Lily.
Mother couldn't find her daughter;
Now they sterilize their water.

Ouch! Enough!!

What is a dry dock?
A doctor out of prescriptions!

A girl is as strong as her weakest wink.

A man rushed into a cigar store, red-faced with anger, "This cigar you sold me—" he cried, "Ugh! Phooey! . . . it's awful!"
"Well, you needn't complain," said the tobacconist, "You only bought one. I have hundreds of the lousy things."

We just happened to wonder—do the Chinese women put the ice cards in the window upside down? (Ed's Note:—One more like this and you're fired).

THE PITY OF IT ALL

The co-ed's football team was losing and the tears streamed down her cheeks.

"I'll kiss those tears away," said her escort.

He did the best he knew how, but the tears still flowed on. Finally he asked, "Will nothing stop them?"

"No, she murmured. "It's asthma, but go on with the treatment."

A fat lady stepped on the scales, not knowing they were out of order, and put in a penny. The scales went to 57 pounds and stopped. A newsboy standing by noticed the situation. "Good night!" he said, "she's hollow!"

A wealthy client insured her wardrobe while traveling in Europe before the war. Upon reaching London she found an article missing and immediately cabled her agent in New York, "Gown Lifted in London."

The agent replied, after due deliberation, "What do you think our policy covers?"

A young fellow working for a very stern boss asked for a raise. The boss got his paper and pencil out and began to figure. There are 365 days in a year and you work eight hours a day, that makes 122 days that you work. There are 52 Sundays which leaves seventy days. There are fourteen legal holidays, leaving fifty-six days. You get an hour and fifteen minutes for lunch which makes forty days and leaves fourteen days. I give you two weeks vacation in the year. Now when in the h—l do you work?

Mary had a little watch.
She's swallowed it (it's gone)
Now whenever Mary walks—
"Time marches on."

(continued on page five)

This is the second week of the regular day school term and you "regulars" are probably just now getting to the swing of things here at the Institute, but we in the Co-op set-up are fast approaching the end of another school term. This is the seventh week for us; one more to go, and then back to work out in industry. The "A" group, now at work, will then take over. We can't leave you, though, without giving you some insight into the activities of the Co-ops these past six weeks, and there is plenty to write about.

First off, the government has enlisted the services of several men for military duty. Ray Smith, 5B, and Walter Hutchings, 5B, left the Co-ops during the summer as part of the Army Air Corps. Hugh Williamson, 1B, was called as a reserve officer in the National Guard and left last week for Texas, and Ed Cavanagh, 4B, will leave on Nov. 25. Members of the National Guard must leave for a year's training whether they are in school or not. We are going to miss these fellows, but they assure us that they will not lose out on their studies while they are away—seems like books will be a large part of their baggage.

Of course the major event during the summer was the organization of the Wranglers by yours truly and Paul Koenig, 4B. No special comments need be made here as to the purposes and scope of this society; all that is adequately taken care of by notices on the bulletin boards and through the execution of a number of projects, including the establishment of the Wranglers concerts of musical masterpieces on records in the Armour Student Union lounge, the "Handbook for College Men," etc.

I mentioned in this column last term that I thought the freshman class was an exceptionally bright looking outfit and destined to leave their mark at the Institute. Well, I have just discovered that they are already arranging to buy class sweaters and when you consider that we in the junior class didn't buy our jackets until our third year, the pre-juniors in their second year, and the sophomores in their second year, then you see what I mean. The design calls for red wool sweaters with buttons in front. Dick Biedermann, treasurer, is handling the matter. Incidentally, a few weeks ago at a meeting of the Speakeaser Club, a freshman "A" group organization somewhat similar to the Wranglers and about which I will have more to say in the future, Dick presented his work and ideas on the sweaters to the freshman "A" class for their approval. This all points to a spirit of co-operation and activity in the future that has not always been present in the past. The freshmen have further distinguished themselves by their interest in sports and the Wranglers. Members of this latter include President Ellsworth Packard, Ralph Johnson, Bob Dettlefsen, Bob Silberstorf, Hugh Williamson, and Bob Beardsley.

It has been announced and approved by all the classes that the term-end affair will be a dance in the Armour Student Union on Saturday, October 12, 1940. No details as to price, features, etc., were available at the time this issue went to press. It is customary for the Co-ops to stage a little shindig of some sort at the end of every school term. Most of them have been dances, and they all have been very successful. This one will, no doubt, be as well attended and as enjoyable as the others.

JUST NOTES: Have you noticed the vase of flowers in Miss Haw's office? Her mysterious suitor believes a little color adds to the appearance of the office . . . The second year class was scheduled to have a "quiet" meeting last Friday evening, just a nice friendly, get-together — BUT the meeting was canceled at the last minute because of lack of support. Now is that upholding our Co-op reputation for thoroughness, efficiency, etc.? . . . The freshmen provided a small measure of excitement on the campus last Friday when they strong-armed one of their members, Art Lechaugh, and applied a razor to his manly breast to remove a part of the demise mat of hair. It looked like a gag to frighten the new freshmen; depantsing scenes will soon be commonplace hereabouts . . . Clarence Ceroke, 2B, is a

model for "calc" students to emulate, so sayeth Dr. Giddings. As good a basketball player as calc student, he will undoubtedly answer Coach Meyer's first call . . . Incidentally, during the summer, Dr. Giddings attended a conference at M.I.T. on the Differential Analyzer, an elaborate machine for solving differential equations. That would be a good thing for the Co-ops to build. It only takes five years to construct and think how easy the homework would be with a gadget like that around. There are only four in the country. . . . John Sweitzer, 5B, does not believe his tuition and general expenses are high enough and therefore increased his bill by allowing a transit to fall on the sidewalk! . . . The pre-juniors returned to school this term to find Leo Hemphill had deserted the bachelor ranks to marry Elinor Klimek. Leo thus became the first married man in the class. And the way those pre-juniors play around, you'd think they were on vacation instead of at school. For example, Don True spent the entire week end visiting a friend in Indianapolis, Ind. Now when did we ever have a chance to do that? The chap is certainly ambitious though, he hitch-hiked up and back (360 miles total) . . .

The 4B class are finally getting their money's worth. Prof. Nash who lectures to them on D.C. electricity is an amateur news correspondent and he frequently digresses from his lectures to give the class his observations and analysis of world events. Judging from the attention he receives when he "reflects," he ought to make News Analysis his main field.

The big event in the life of the pre-juniors this term was a party marking the middle of their eighth term, the half-way point in the Co-op course, it was held in the Student Union lounge and featured dancing with music by the radio-phonograph, a track meet, and a balloon dance. The track meet was won by the De-icers with Bob Kraus as captain and John Nieman as cheerleader. Ray Lind's girl won the prize in the balloon dance which resolved itself into something of a nice quiet mob scene. After the party a substantial group migrated to Ray Lind's home for hamburgers and more festivities.

Combining intellectual pursuits with the grunt and groan of athletic competition, Milton Platzner, 2B, erstwhile member of Wranglers, responded last Monday to "Sonny" Weissman's call for wrestling candidates . . . The senior So-ops held their annual picnic last Sunday at Cantigny Woods. Roasted weenies, home made baked beans, do-nuts, and coffee completed the menu. Greatest surprise was when Harvey (woman hater) Martin appeared at the scene with a girl friend . . . Bill Green took charge of the revision of the pre-junior schedule for the last three weeks of the term. After much hashing and rehashing, in which petitions were signed, bull sessions were held, and open forums in which everyone presented his own idea of how it should be done, a new schedule was adopted. Art Duree is still holding out for the old program . . . Jack Danson, 4B, is going steady, but you'd never know it . . . Note to second year prof: John Joerger, president of the pre-juniors should be excused for not doing that homework over the week end. The girl from Peoria was in town and John had his hands full . . . Parker, Nelson, Whittingham, Schmidt, and Wierzbicki have set a new record in juice lab. They burned out two ammeters by throwing one switch. The mishap occurred during the last part of the last experiment for the term . . . The fourth year baseball team has suffered the ignominy of being beaten again and again by other members of the class who compose the "scrub" team. There seems to be no explanation for the sudden let down in the "regulars" form. Last year they ended up close to the end of the school tournament. Now they can't even beat the second year Co-ops, tsk. tsk. . . . The Co-op baseball tournament ended with the fifth year victorious as usual. They won 6, lost 0. The 4B won 3, lost 3. The 2B won 1, lost 5. The freshmen won 4, lost 2. Leonard Appelt deserves the heartiest commendation for his successful efforts in promoting and guiding the

Big Scoop's back on the job. Listen youse guys and youse gals mind yo P's and Q's this year because this scandal-monging, tale bearing informer is going to pry out and spiel your sacred mysteries until it oozes out of your lovely acoustic organs. We'uns have got an immense force of 5th columnists working night and day in league with Downwind's 6th columnists. Bear that in mind, heh, heh, heh. Clank!

THE FEATURE OF THE WEEK

To whom it may concern, (which undoubtedly means 99 44/100% of youse volves), the little gal in the Registrar's office promenades under the moniker of Dorothy Brown. She hails from way down South in Mississippi and is a typical Southern belle—5'5" of delicate femininity and stuff and things. But take it easy boys—she's rather shy.

We're wondering if Marge had anything to do with Jimmy Bell's sudden decision to change to a fire protect. Couldn't be that she's "too hot to handle" could it, Jimmy?

"Indian Red" Redman the flying "ace in the hole" has promised six dames to give them a thrill in the flying machine. Now Red has trouble with six forsaken women. Could be meteorology has got him down.

SPORTS: We are pleased to announce that Dr. William C. Krathwohl, Armour's own Strikeout King, stole the show from the American League pennant contenders. In a recent important summer series in integral calculus against Butch McTechawk, the good Doctor pitched the old integral sign at the 25 lads until they were blue in the face. Result: 11 up—14 down.

NEWS ITEM: Introducing the newest pledge to the A.O.P.F. (Ancient Order of Piscatorial Fabricators) Count Alex of the Registrar's office. He merited this great honor because one of his "supers" was printed in the Times. However, his troubles have only begun for as a pledge assignment Turtle Alex has to engage the Hon. Sonny Weissman in a battle of "big'un." Odds, as quoted by Black Oyl, are 1 to 3,416—in favor of Sonny but watch for an upset.

All the little fishes can now swim over the dam and out to sea as sharks Howie Young and Chuck Sterba have been landed by Sonny Weissman.

OBIT: Dr. Harold Davey, late manager and coach of the Davey Boosters has been converted to the ranks of the bespectacled disciplinarian. It is with great regret that the passing of the Boosters has reached our ears.

Upon advanced warning from Lewis, the boys are putting on the ear protectors whenever Ted Wiezorek, expostulator supreme, starts going to town.

Inverted Triangle:

Camp Armour, happy hunting ground of the civils, can be proven directly responsible for the very involved triangle that Art Hauswald has on his hands. Art has been doing the town with a gorgeous number known as "Booty" to her "friends." Booty hails from Rhinelander, Wis., but a short distance from camp. The only trouble is that Art happens to be affianced to a local gal who is out of town at the present—luckily. What will happen when June gets back? Read the next installment.

It happened at one of the local fraternities' shindigs winding up rush week. Being at a loss for a suitable lubricant for his trombone, Byron Ellis, being the practical man that he is pulled out his quart bottle of hair tonic and greased the instrument, resulting in the new "music with the smell." But confidentially . . .

(continued on page five)

October 1, 1940

STEAM SHOVEL

(continued from page 4)

BELLS AND MORE BELLS: Lo and the news is out! Ray Dodge has been married since last February to — (How'd youse guess?)—Mavis. Not to be outdone, Frank Heidenreich, co-op also plunged into the holy (?) bonds of matrimony this summer. H-m-m, could it be an epidemic?

FLASH!!!!

In days of old, when knights were bold, to duel was the fashion, and Bob Jensen and Dick Harper, fraternity brothers, are doing their best to recall this ancient custom. They've been throwing slurs at each other since Bob enticed Dick's ravishing gal friend from him. Let's have the grand finale soon, boys.

SO LONG.

Slipstick

(continued from page four)

My Last Chance

Mother: "When I was your age, young lady, a nice girl would never think of holding a young man's hand."

The Daughter: "But, mother, nowadays a nice girl has to hold a young man's hand."
(Ed's Note—Your salary is doubled!!)

IN A FELL OF A HIX

"Gee, Jimmy, when I went by your house this morning I heard somebody swearing something awful!"

"Aw, that was my dad. He was late for church and couldn't find his Prayer Book"

"Goodness, Sarah, what a kitchen!" exclaimed Mrs. Smith. "Every pot, pan and dish is dirty. The table is a perfect litter and —why, it will take you all night to clear things up. What have you been doing?"

"Nothing, ma'am," explained Sarah. Your daughter has just been showing me how they boil a potato at her cooking class in college."

There was a young lady of Natchez

Whose garments were always in patches,
When comment arose
'Bout the state of her clothes
She drawled, "When ah itchez, ah scratch-
ez."

News Item: "A Topeka woman escaped from the police the other night by slipping out of her pajamas. This proved to be a fatal mistake, however, as it made it easy for the police to trail behind."

Many a guy who would walk a mile for a cigarette would not turn around to flip the ashes into a tray.

Proud Mother—And what do you think of our little Frank as a pianist?

Frank's teacher—Well, he has a nice way of closing the lid.

A medical student who had been out on a big party until 5:00 A.M. sat in a class room trying to pass an exam. His head was still fairly buzzing with the hangover from the party and he could just about see the paper. The first question was:

"Name five reasons why mother's milk is better for babies than cow's milk."

The student scratched his head and put down:

1. It's fresher.
2. It's cleaner.

Then he thought a while and wrote:

3. The cats can't get to it.
4. It's easier to take to a picnic.

Well pleased with the results he had so far achieved, he studied long on the last reason. He thought and thought but could not remember what the last reason was. Finally he had an inspiration, and the next day the professor read as the fifth reason:

5. It comes in such cute containers.

And that shuts down our lid for the week, but remember as the little seed said to the big seed, I'll be zinnia!

OH MIN!

Blitzkrieg

By the Sixth Columnist

My friends!

Here is the gossip column you have all been worrying about, and if you don't like finding your name in print, I can only say, "If you spend your time right, you won't find yourself in the limelight." (Well, the poetry may be bad, but the advice is still good.)

Here we are back in harness and over the opening day casualties. True to the old tradition, Bev Wilcox came over and started us out properly. . . . In looking over the new material, I notice there are quite a few new faces, but not nearly enough of them are female to suit yours truly. . . . Or was I just in a daze from Sylvia's new perfume? Honey, it shore is powerful. . . . But getting back to the good start, I see that Uncle Al got all of his "nieces" properly kissed right off the bat. . . . Everybody seems to be in the pink of condition—that is, all except Reinhardt. Could it be that he is lonesome? But Miss H. came over to lunch Tues. to keep him company, (and looked right pretty and business-like, too!) so I guess he feels better now. By-the-way, Chuck, why do you object to a scandal section? Scared??? . . . And speaking of first day dilemmas, what was Jeannette so off balance about? She didn't seem to know where she was going. More important things to think of? It's a little late, but Happy Birthday anyway, Jeannette!

. . . Speaking of Flash-puss, how do you like the streamline job? But the debutante slouch lingers on! . . . Mickey (Sarong) Walker is showing some pictures of her crew that would put a Petty girl to shame. . . . Those stunning and scintillating Kappas certainly are a bunch of bathing beauties, but confidentially Florence, what were you trying to do on Pat's shoulders? . . . I'll bet the McKinleyites would love to see those pictures of "Teacher," Mickey. . . . The twins are back but I can't tell them apart yet, can you? . . . Seen in the library; a very sweet dish with a book entitled "Marriage and the Family." May I file an application as an assistant? . . . Did you cast your vote yet as to whether Kairis looks good in her glasses? . . .

Now that Armour has cut them in twain, what is Gammo Rho going to do? Of course, they still have four members, and we can't seem to beat off the Armoured gang. (What attraction has Lewis for Erwin and Fred? . . . "Junior" Perkins is going to join the C.A.A. and make an ace of himself, but how is he going to fly those things if he can't even make out the application by himself? . . . Now that the football season is here Bob Meyer should be in perfect condition. He got in a little pre-season practice by booting a lady in an Indianapolis hotel lobby. Tsk, tsk. . . . Memo to Handsome John O'Malley: who was those babes I seen you lurching with Monday in the drug store? Oh, for the luck of the Irish! . . . Also overheard in the drug store: Lil (wait till I read this letter) Snodgrass) and Jane (He'll be home soon) Goelet blubbering over the draft. Don't worry, kids, there are plenty of good men left. . . . It is noised about that a certain B. W. has got himself on the wrong end of a triangle, but it looks O.K. to me. How about that? . . . Will somebody please give Dick Johnson a bobby pin? . . . Suggestion to De Krause. . . . try going to bed earlier for that tired look. . . . And to Bud Carlson. . . . quit belittling our campus. . . . Hey, Dick, where did you find that cute little outfit? . . . What glamour girl conducts her dating on the stairway between the second and third floors? . . . Elaine Simon just can't make her eyes behave, and A. F. seems quite interested in the trouble. . . . Little-Things-I'd-Like-To-Know Dept.: What John R. is up to? What Florence and Jeannette find to talk about in the library every morning? Who last what at the where? What happened to Musette? What the gal in the chem survey class who wears the red sweater's name is?

Well, brother chin-waggers, that's all for today. See you next week, and in the meantime,

I'll be watching you!

THE FIFTH COLUMNIST

P.S. Got any dirt you want printed? Address it to me and leave it in the Tech News box.

The Greeks Had A Word For It

Today, at 3:00 P.M. in the Art Room on the 6th floor, the Pan-Hellenic Council will entertain about forty-five new women that have entered Illinois Institute of Technology this quarter on the Lewis Campus.

It is the hope of the Council to acquaint people with the school, help them acquire new friends, present to them information concerning the sororities, and interest them in other activities such as drama, glee club, sports, and the student publications.

Green ribbons will be presented to our new-comers and we hope they will co-operate when they are asked to wear them for about a week or so in order that we may spot them and see to it that they are "getting around" and are beginning to feel right at home with us.

The Council urges all new women to be present—come up and let those new and shiny faces be seen.

* * * *

A great many changes have taken place during the past summer months and so until the winter social events start rolling let's look into the summer and see where the gals went and what they did. . . .

Ah! Wedding bells rang out for one of the Sigma Beta Theta girls; Miss Virginia Allen changed her name to Mrs. Lombardo on the seventh day of September at St. Henry's Church. Congratulations, Ginny, and may you live happily ever after.

. . . Well—look who's supervisor at Marshall Field's Tea Room—Dorothy McArdle! Gee, gal, how about the secret of getting those "white collar" jobs?

. . . Look, another Sigma is out in the business world; the past president of the sorority and queen of the last Senior Ball, Alice Anderson,—she is a receptionist at a radio advertising company. When you make that million dollars, Alice, come on back—we miss you.

And here are two Sigma members that decided to continue their education elsewhere, Connie Thompson (a math genius) is now attending the University of Chicago and Jo Ann Franks has entered the Presbyterian Hospital for nursing training.

* * * *

A few of the Kappa Phi Delta girls had travel on their minds. The summer months found Mickey Walker in Montana. How did we know? Why by the bucking bronco she displayed on the back of her bolero. We asked her if she did any riding, she said, "Oh, yes, after my four year old niece broke in a horse for me."

From one extreme to another went the Kappas; Montana to Mexico—Old Mexico! Amidst the revolution and all the shooting "the twins," Jackie and Louise Caldwell, attended the University down there. The noise didn't seem to bother them any, in fact it might even have been an inspiration—they came back with a couple of A's. . . . say, maybe that's where I should go.

* * * *

Just to show you how attached some people become to one thing, education in this case, (strange, isn't it?) there were at least five Lambdas attending summer school. . . . While they were pouring over books another Lambda, Lillian Snodgrass, was watching over little angels at a boy's camp—I'll bet you had fun, Lil!

* * * *

Well, that about winds up the summer activities of some of the girls that have come back and of some that have left us—now let's get started on our school activities for this year. . . .

LEWIS FRATS

Some how or another it seems that the Fraternities at Lewis are having a difficult time getting organized this year. The members are scattered here, there, and everywhere, and they don't seem to know who is where and why. But, of course, all they need is a little time and they will be on their way to "smooth sailing" again.

In the mean time the Gamma Rho and the Daedalian Fraternities wish to extend their "Hello," and "Hi boys," to the Armour Fraternities and hope there will be grand cooperation and good will among all the fellows.

All had changed in the old order of Fraternity location when the school opened this fall. Alpha Sigma Phi moved to new and larger quarters, Rho Delta Rho took over the old Alpha Sig house, Sigma Alpha Mu moved from its rooms on the campus to 3128 Shields Ave., and Delta Tau Delta moved to 3240 Michigan making the fraternity row more compact.

RHO DELTA RHO reports a successful rush week in their new house. Having moved from limited quarters to a three story house created quite a problem in the matter of furniture but all the difficulties of furnishings and of redecorating parts of the house were surmounted. The fifteen new pledges to Rho Delta Rho may well be thankful for this.

ALPHA SIGMA PHI had a very busy time preparing for their House warming party of Sunday, September 16. However, the praise of the new house by alumni, parents, and several members of the faculty including Dean Tibbals made up for the hours of labor. During Rush Week the Alpha Sigs had two outstanding nights. Thursday nite movies of the Snow Cruiser were shown to the rushees and their fathers who were the guests of the fraternity. Friday nite all of the fellows from the house took the rushees for a splash party. Results of this new house, and successful rushing—twenty-five new pledges.

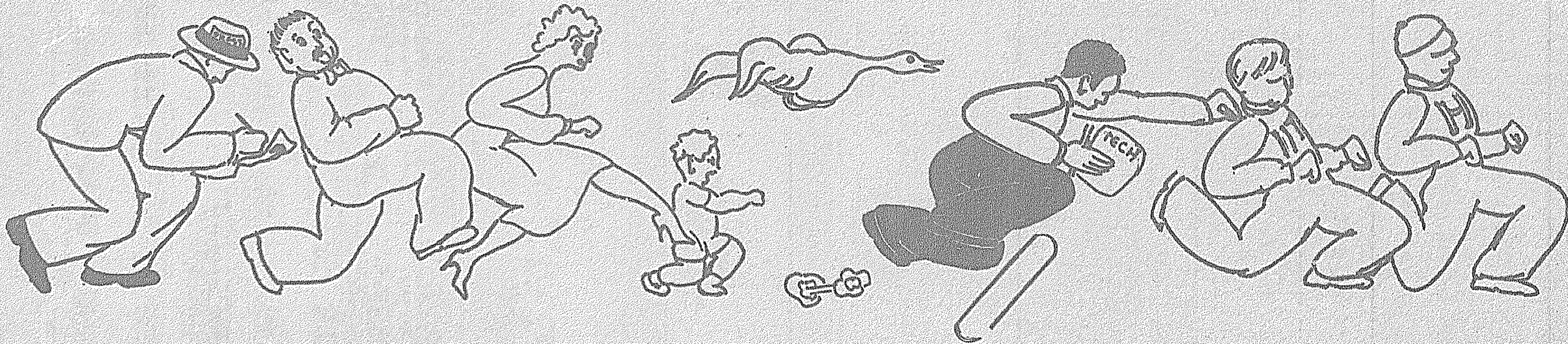
TRIANGLE, in the same location, redecorated the walls of the house as a preliminary to rush week. During rush week Triangle got the jump on the other houses by having two dances plus the regular Saturday nite affair. Sweeney had his sisters and all their friends for the lucky rushees to dance with. However, there was a more serious side to the week and there were education movies and a fathers' and sons' night at which J. W. McCaffery, president of the Armour Tech Alumni Association was the speaker. Triangle has seventeen new pledges, three of whom are co-ops.

PHI KAPPA SIGMA started rush week with new furniture in the living room, redecorated walls, and a large membership. On Wednesday night John Schommer was the high light of the annual rushing banquet. On Friday night the fathers of prospective Phi Kaps were shown around the house and given a sample of the food. The pledge class at the house numbers nine men.

DELTA TAU DELTA, now next door to the Phi Kaps and also to the graduate dorm, redecorated their new house so completely that the paste under the wallpaper was not yet dry when the rushees left on Tuesday night. However, the dining room had been cleaned up in time to give President Heald, Dean Tibbals, and Sonny Weissman a sneak preview of the new house and also of the new cook. Thursday evening the members and rushees were shown the official Navy movies of flight training at Pensacola. Friday night the fathers were the guests. Though all the houses had dances on Saturday night it was the dance at the Delt house that had the orchestra in which two members of Pi Kappa Phi were key men. All of the members were tired from the redecorating and the house was not completely in shape until rush week was over, but Delt pledge buttons were placed on twenty men.

PI KAPPA PHI, having redecorated part of the house and also having acquired new furniture last year, had the house in fine shape for the start of rush week. During this time the colored slides made by Herb Hansen were the main attraction. All the fellows who saw them once wanted to see more of them. Colored movies were also shown. Prof. Mangold and "Coach" Bibb were scheduled to show up for alumni night but Bibb must have had a tough time on the golf course during the afternoon because he failed to show. There are eleven new pledges at the house who will get a chance to see the result of "Probation Week" as four boys are almost ready for initiation.

THE GALLUPING POLL



by "Dr." James Murray

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Chicago, Ill., Oct. 1—Just what do you think of your school newspaper? Have you ever stopped to think how the "Technology News" is rated by those readers whom you have never seen, and probably will never see? Perhaps if you will give me a few minutes of your time, I will relate to you a story which may, or at least should, be of decided interest to you.

Shortly after the past summer started, Peter Woods, our editor, received a few very encouraging letters from unknown "Tech News" readers. This gave our alert "boss" an idea; and here is where our story begins.

Summoning this writer, he was told to secure a nationwide survey of the sentiments of other "Tech News" readers on the merits or demerits of the said publication. The results of this poll will now be told.

By hook and crook, borrowing and stealing, the names of thousands of residents throughout the United States were compiled and letters were sent, along with copies of the "Tech News," and these were asked to read these copies carefully and compare them with their own school publication, and with as many others as they could obtain. Each contact was exhorted to be as fair as possible, and by this we meant, that since we were vitally interested in facts alone, sentiment for Alma Maters and the like were to be pushed to one side. Many weeks passed before the fruits of our labor finally began to bear fruit.

Since the Southwestern States were the first letters to be sent, it was from this district the first replies came.

Questions asked in poll

The poll put to a cross-section of the American public stated the following questions:

1. Do you approve of the style of writing used?
2. Is each item of importance placed in its proper place?
3. Do you think the TECHNOLOGY NEWS is the finest college newspaper you have ever read—without limitations?
4. What section do you think best?

The answers were as follows: Southwestern States.

California			
Ques. No.	Yes	No	%
1	43	7	86
2	48	2	96
3	37	13	74
4 Sports 22, News 10, Humor 7			
Idaho			
1	32	9	78
2	37	4	90.3
3	30	11	73.3
4 Sports 13, News 15, Humor 5, Editorial 8			
Nevada			
1	46	22	67.6
2	56	9	82.4*
3	41	27	60.3
4 Sports 12, News 21, Humor 35			

*3 said "not always"

The next group of states to reply were the Northwestern States, including Washington, Montana, and Oregon.

Washington			
Ques. No.	Yes	No	%
1	63	34	65
2	79	18	81.4
3	80	17	82.5
4 Sports 23, News 45, Humor 23			



"Dr." James Murray at work.

Montana			
Ques. No.	Yes	No	%
1	28	3	90.4
2	29	2	93.5
3	24	7	77.4
4 Sports 8, News 19, Humor 4			

Oregon			
Ques. No.	Yes	No	%
1	28	17	62.2
2	38	7	84.2
3	36	9	80
4 Sports 19, News 13, Humor 10, Front Page Carton 3			

Ten Central States were very cooperative in sending replies. Of this section, Kansas, Nebraska, and Iowa were the leaders. The results are as follows:

Kansas			
Ques. No.	Yes	No	%
1	23	6	79.3
2	27	2	93.1
3	20	9	68.9
4 Sports 10, News 13, Don't Know 6			

Nebraska			
Ques. No.	Yes	No	%
1	23	5	82.1
2	26	2	92.8
3	21	7	75.0
4 Sports 8, News 18, Other 2			

Iowa			
Ques. No.	Yes	No	%
1	16	24	40
2	28	12	70
3	15	25	37.5
4 Sports 5, News 18, Humor 11, Misc. 6			

NORTH CENTRAL STATES: ILLINOIS, INDIANA, MICHIGAN

Indiana			
Ques. No.	Yes	No	%
1	37	12	75.5
2	43	6	87.8
3	33	13	62.4
4 Sports 24, News 14, Humor 11, Don't know 3			

Michigan			
Ques. No.	Yes	No	%
1	15	7	65.2
2	21	2	91.4
3	13	10	56.5
4 Sports 8, News 10, Humor 5			

Illinois			
Ques. No.	Yes	No	%
1	43	7	86
2	45	5	90
3	33	17	66
4 Sports 15, News 82, Misc. 7			

Of the remaining states, there were many whose fine support of this poll really deserve a place in this summary, but due to lack of space, only the above may be mentioned at this time. To such states as Massachusetts, Colorado, Maine, and Texas, as well as those above, the whole staff of the TECHNOLOGY NEWS extends a boisterous "Thanks" for your interest and cooperation.

Taking all the replies received, the following grand total was the result:

Ques. No.	Yes	No	%
1	693	216	76
2	755	151	83
3	593	275	65.2

4 Sports 365, News 421, Misc. 123

This poll was not only encouraging on point three, on which issue nearly two-thirds of the voters declared the Technology News the finest college newspaper they had ever read, but also many valuable points were suggested by the voters which will be used very advantageously by the entire staff. Approximately 50% of the voters claimed that more pictures should be used in every issue. In spite of the fact that this point had already been decided upon, this proved the editor's conviction that this would be a desirable move. Ever so many practicing engineers said they were kept in direct contact with the news of the Research Foundation by reading the current issues of our paper. This point is very true for in some instances when new developments take place in the Foundation, our publication, being on the scene, is able to cover the story without the usual delay experienced in our daily papers. Many others replied that they were kept in close contact with our well-known professors, and as a result were able to seek aid on many difficult problems.

Read This, Doubtful Ones!

During the past year there were many remarks about the "material" used in our humor column. Sixty-two per cent of the

answers remarked on the cleanliness of the column. Twenty-two per cent thought it a bit shady, while the rest did not remark. These figures show that at least the majority are in accord with the column, so don't forget the old adage, "majority rules."

Mailing List Swells

Not only the material in the paper will be better as a result of the poll, but the circulation is now bettered to the tune of 349. These are absolutely new customers and have given orders for a year's supply. This, of course, was the best proof we have of the merits of our paper, and we are ready and willing at all times to pit ours against any.

Of particular interest were the replies from the states also boasting a flourishing educational center. A multitude of men attending these schools agreed to be quite frank with us but under one condition, namely, that their names be kept out of print. This simple request will certainly be granted, although it is really a shame not to be able to show some of these fine letters.

Practically every second letter asked one question, "How do you raise the funds to have a name band for every dance?" Of course this question was easily answered by noting that every social affair boasts a crowd of nearly 600. Naturally this would make for the success of any affair.

Well, gentlemen, now that we have told you the story of how we may call our paper the finest of its kind, we trust that the time you spent scanning this column was not in vain. Even though we knew this point, we know may not only boast, but also have substantial evidence to support our belief. So go now men of 12T, and fear not to mention in your conversation that the proof of your statements may be found in the Technology News, the finest college newspaper in the world. See you later.



by Charles I. Ball

Because of the present war in Europe, no Rhodes scholarships were granted in 1940.

This year the NYA will spend \$102,000,000 on 130,000 college students in the United States almost one student in every ten is employed by this agency.

Because of the disturbed conditions in the world, Columbia University is now giving courses on the effects of war on society, government, the individual, the family, property, etc.

The University of Chicago has announced a course in exterior ballistics to be given by

the well known mathematician, Dr. Gilbert A. Bliss. It will teach the extremely complicated subject of modern gunnery and is intended to help National Defense plans.

A feminine student of the University of California daily flies herself to Los Angeles from her home in Palm Springs and back home again in her own plane. A good idea and probably faster than the "L."

The first school in the United States to establish a school of Fine Arts was Yale University.

Alma College of Alma, Michigan has abolished final examinations for two semester as an experimental stimulus for students to keep up with their daily work.

In accordance with a recent amendment to the A.C.S.A. constitution, Hilard Stryz, AB, was elected as one of the two Co-op representatives to the Armour College Student Association. Stryz has always been actively engaged in Co-op affairs and his election should result in a strong Co-op voice on the Board.

Journalism students of Boston University have two United Press teletypes installed in the class room to provide spot news copy. This class room is a model of a typical newspaper copy desk.

FRESHMAN EXAMS GIVE THREE MEN HIGH RANK IN U. S.

Everyone who has entered Armour College of Engineering in the last four years is acquainted with the psychological examination given to all new students entering the school. These tests are given by the department of educational tests and measurements which is under the direction of Dr. William C. Krathwohl. The results of these tests are of great value to the student as they give him an evaluation of his mental abilities.

It is interesting to know that Armour's freshman class of 1939 stands twenty-fourth from the top of 325 colleges which take these tests which are sponsored by the American Council on Education Psychological Examinations.

Three in Upper Tenth

In the 1939 class, Armour possesses three students who are in the upper one-tenth of one percent of the total of 63,125 students throughout the country who participate in the tests. This means that out of the 63 students in the entire country who participated in the tests and ranked in this classification, Armour has 3 of these 63 students who are divided among the 325 colleges. Out of this very exceptional group come three of the genius caliber. It is a record of which Armour College should be very proud.

95.8 Percent of 1940 Armour Graduates Given Positions

To date 95.8 percent of the 1940 graduating class have been placed in various positions at an average monthly salary of \$119.00. The average for out of town jobs was \$131.00. The highest single salary of \$150.00 per month was received by a Mechanical Engineer for an out of town job. About seven men are at present engaged in aeroplane design work outside the city. Of the 1939 class 81.5 percent were placed at an average monthly salary of \$110.82. This indicates how well and how very ably the Placement Office has handled the prodigious task of securing positions for the graduates.

Watch Bulletin Boards

In order to help in this splendid task the students are asked to watch the bulletin boards and be very prompt in presenting themselves to the desired information. The bulletin board in the Student Union is devoted exclusively to placement notices, no other information appears there. To facilitate the clerical work the Placement Office has announced certain definite office hours which the students are asked to observe. The hours are from 10 to 11:30 A.M. and 3 to 4:30 P. M. Monday through Friday inclusively. Students who have been employed during the summer and those wishing part time work are expected to report during these hours and have their records completed.

Three Records Required

Gloomy news for seniors. This year instead of the customary single record, three will be required. This will not be done to make life more unbearable but because many times in the past the Placement Office has had requests for records which they were unable to furnish because there was only one record to be had. This will be eliminated by having three records and will afford the Placement Office a larger coverage and the student a larger benefit.

Freshmen Meet School Leaders In First Week

(continued from page one)

Ten o'clock Tuesday morning witnessed a general assembly in which the strangers were introduced formally to most of their new instructors. Dean C. A. Tibbals acted as the master of ceremonies, and presented President H. T. Heald of Armour who stated the objectives of an engineering education. Mr. Heald explained the foundations of friendships and transmitted a message from Franklin D. Roosevelt, the present President of the United States.

Students Encouraged

In essence, Mr. Roosevelt discouraged those planning to drop school for reasons of national defense. One can better serve, said the President, by equipping himself mentally to be able to plan and to build for national defense as well as for social and economic progress. The President advised students that there was no need to worry about not being called when needed.

Dean Clarke, of Lewis College of Arts and Sciences, next addressed the gathering, and went into some detail describing the recent merger between Armour and Lewis. As the Institute's medical adviser, Dr. John F. McNamara spoke of the health program and the school's responsibility in regard to physical fitness. Co-related to the medical aspect of health, as represented by Dr. McNamara, was the speech that followed by Prof. John J. Schommer concerning athletics at Armour. Mr. Schommer also discussed school spirit and student participation in activities. Another representative of the athletic department, affable "Sonny" Weissman, spoke after Dr. Schommer, and discussed his specialties, boxing and wrestling, as well as the details of the Student Union, of which he is manager.

A description of the soon-to-follow educational tests was given by Prof. Krathwohl—the director of the mental measuring department. Mrs. Orcutt spoke on study techniques and personal psychology, its application to engineering and architecture students.

Greek letter fraternities were carefully explained by Dick Larsen—their advantages and requisites. Dick, who is best fitted to speak on this subject as the head of the Interfraternity Council, spoke of each fraternity separately. The assembly was adjourned by Dean Tibbals of Armour college.

After lunch—at 2:00—the first part of the orientation tests was administered. The students were divided into three groups and went to the gym, Science Hall, and Room 202, Main. They were under the supervision of Professor Krathwohl, Dr. Davis and Mrs. Orcutt, respectively, as well as a large group of volunteer student assistants. A record-setting group of students were examined, Prof. Krathwohl reporting the administering of 420 examinations.

Photographs Made

The "Rogue's Gallery" was enlarged by the photos of the new men taken under the supervision of the Camera Club, and directed by the Camera Club's Donald Crego, during this period.

Part II of the ability tests were given Wednesday morning followed by fraternity luncheons and other social events, until 10:00. Fraternity rushing groups were very much in evidence during this entire week, as the members tried to lure pledges into their clutches.

Dean Tibbals Speaks

Thursday was begun with an assembly, in which Dean Charles

ROBERT ZELIN NEW HEAD OF ARMOUR 'EYE'

"Get ready to see red, for there's going to be some new blood in the Armour Eye soon," warned president-elect Robert E. Zelin of the camera club on September 27. Immediately after his election at the last meeting of the club, Zelin planned a new membership drive, the first feature of which will be an open house in the club's dark rooms this Friday at 10:00 A. M. All the local shutter-bugs are invited to come and look around.

Also elected was Peter J. Stanley as first vice-president. Stanley was president of the organization last year, but refused to succeed himself. Second vice-president in charge of the darkrooms is Alfred G. Barry. Evidently the toughest member of the club is Richard Vander Mey, who was elected to the stormy position of treasurer. Nobody at the meeting wanted to be the secretary, so the members look advantage of Harry Tun's absence to elect him to the position.

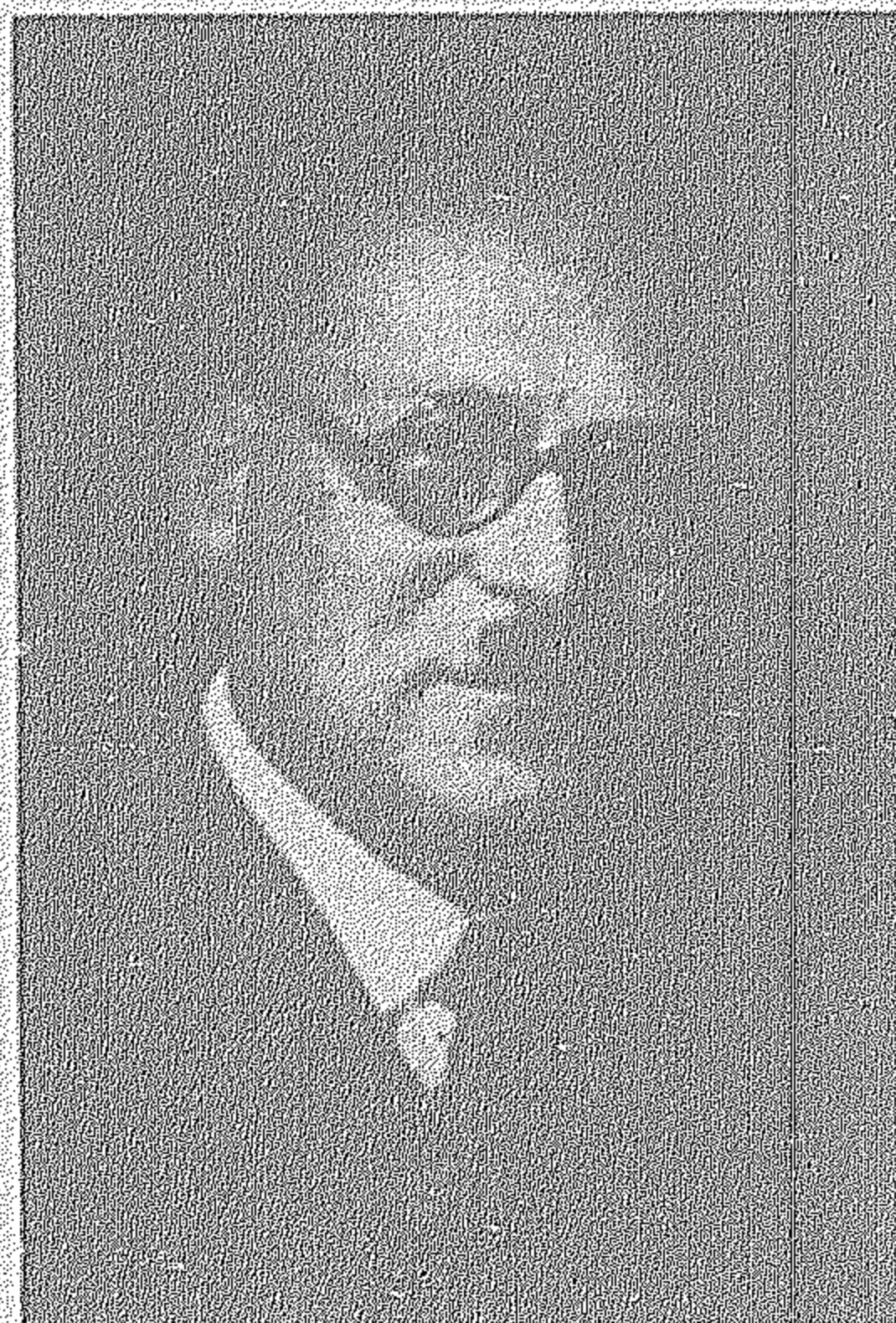
CORRESPONDENT FODOR

(continued from page one)

power politics. Later his articles about Western Europe received wide attention through the columns of the News.

Familiar with "Blitzkrieg"

Present at almost all of the Nazi military campaigns and "occupa-



M. W. Fodor

tions," Correspondent Fodor is a student of military affairs and "Blitzkrieg" tactics. Up until his leavetaking he, perhaps more than any other European correspondent, had a first-hand view of what was happening and a preview of what was to come.

A. Tibbals spoke for about an hour on the general philosophy of the education at Armour. The school's opportunities offered for mental development, as well as development in the field of personality and many other fields was emphasized. The combination of Lewis and Armour was discussed, and the everyone's obligation to his country under the selective service act was explained by Dean Tibbals, himself an ex-service man.

Adjournment to small group meetings followed, in which the new students were given an opportunity to talk with select upper classmen on all the aspects of school life. The heads of these groups are: William F. Bauch, Thomas B. Brown, James W. Murray, Richard A. Larson, John L. Donoghue, Fred W. DeMoney, Robert J. Creagan, Ben R. Cole, Robert W. Sweeney, Charles McAleer, Frank P. Pfeffer, and Rudolph A. Zoellner. These men are the students' counsellors throughout the year.

Lewis Assembly To Inaugurate New Athletics

by Warren Spitz

This morning at 10:30, a rousing throng of students will gather in the auditorium of Lewis Institute located at 1951 W. Madison St., to participate in the first sports rally of the new Illinois Institute of Technology. The primary purpose of this meeting will be to put forth to the Lewis undergraduate body the fact that under the merger of Armour and Lewis, the Lewis student is free to participate in a full and well-developed athletic program such as he has never before enjoyed.

Activities Combined

All athletic activities formerly sponsored and participated in by the Armour Institute of Technology will now be under the guidance of the Illinois Institute of Technology, thus combining the athletic abilities and potentialities of the student bodies on the campuses of both Lewis and Armour.

Because of the undeniably weak sporting program in existence on the Lewis campus, a new inspiration must be presented to the students and thus the idea for a rally was instigated. The proceedings will feature short talks by Henry T. Heald, President of the Illinois Institute of Technology and O. Gordon Erickson, head of the musical organizations. The genial and beloved John J. Schommer, speaking as director of athletics for the institution, will introduce the various coaches, who are to guide the teams of Illinois Tech.

Coaches Speak

Bernard "Sonny" Weissman, assistant athletic director and coach of the boxing and wrestling teams as well as new mentor of the baseball squad, will say a few words, as will the other coaches. Among these are Sam Bibb, of the golf team; E. Wallace MacGillivray, swimming guide; Norm Root track mentor; Robert Meyers, new basketball leader; and Bill O'Brien, frosh cage coach. Grant Stenger, former baseball leader, has relinquished this job to "Sonny" Weissman, so that he may conduct classes in physical education on the Lewis campus as well as continue those at Armour. Dr. John F. McNamara will continue in his role of medical adviser and will now serve both institutions.

It is hoped that the enthusiasm displayed over the sports rally will continue and that it will develop into large turnouts for the many athletic activities. It goes without saying, that all of the squads will be improved by the new interest and keener competitive spirit brought about by the amalgamation. The teams will represent the Illinois Institute of Technology and as such will carry the new name into the athletic world, just as it is being brought into the educational and scientific limelights.

Musical Clubs Offer Many Opportunities For Men of Talent

Music clubs of Armour College have resumed their regular rehearsals. The orchestra is meeting on Tuesday evenings and the Glee Clubs on Thursday evenings at 5:00 P. M. in the Student Union assembly hall. Orchestra positions are open to any man having previous experience in bands or orchestras. O. Gordon Erickson especially requests pianists to interview him. The Glee Club is in urgent need of very high and very low pitched voices. All interested men are asked to report this week for rehearsals.

Henry T. Heald Is Faculty Host At Reception

President Henry T. Heald and his wife played host to a very genial and large gathering of faculty members and their wives at the annual president's tea held Sunday afternoon in the lounge of the Armour Student Union. The reception was in accordance with a custom established in 1933 by Dr. Willard A. Hotchkiss, then president. Dr. Hotchkiss welcomed a small group in his home in the inaugural tea, but the gathering has grown to such proportions that last year President Heald, after having followed the custom of greeting the faculty in his own home, was forced to seek larger quarters.

Two Schools Represented

This year the tea was presented to a combined group of officers and faculty of both Armour College and Lewis Institute. It was a gala informal affair with the spacious lounge garnered with fragrant flowers and resounding with pleasant voices as the men and women became acquainted with one another in their new status as associates of the Illinois Institute of Technology.

Officers Presented

Some 300 people gathered at a little after 3:00 P. M. to hear a few words of welcome from their president. The new officers of administration were informally presented to the assembled group and all were afforded an opportunity of meeting with any of the newer faculty members and also to start the year off by renewing their acquaintance with their old cohorts.

Research Foundation Develops Cheerometer

(continued from page three)

ing the "peak" (period of most intense applause). After the graph has been completed, the total amount of sound energy during the first peak for each candidate is computed. From the amount of sound energy, the length of time of the peaks, and the size of the audience, a weighted applause unit is obtained.

Tests Made in Theaters

Thus far, five theaters in the Chicago area have been the scenes of operation of the test. A majority of as much as 20 to 1 for Willkie has been recorded in one of the theaters, while some show only a definite majority. Since the theaters thus far tested were expected to yield a decided pro-Willkie sentiment, it remains for future testing to show the sentiments in districts where the public is reputedly pro-Roosevelt. However, in the tests made to date, the accumulative score is 441 units for Willkie as against 274 for Roosevelt. In order to insure the accuracy of the tests, no advance notice has been or will be given as to the time and place of the Cheerometer tests. According to Dr. Leedy, this new method of determination of public sentiment provides a more accurate measure of the actual feelings of each individual than the usual solicited polls. This is due to the fact that theater applause is entirely spontaneous and is not influenced by the fear of being quoted, as is often the case in solicited interviews. If conducted on a national scale and used in well distributed locations of a sufficient number, the Cheerometer promises to develop into one of the best indicators of the consensus of public opinion.

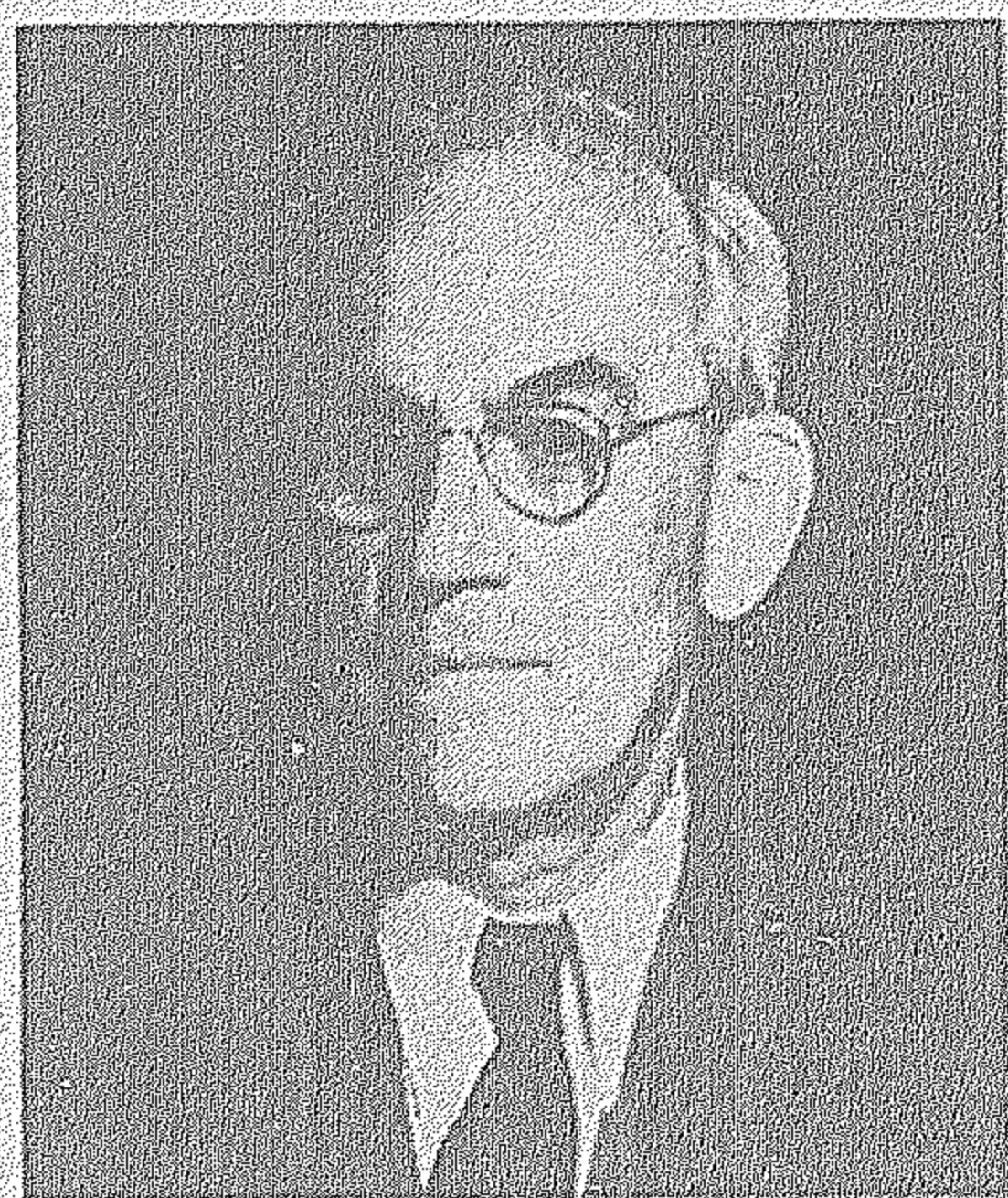
ARMOUR AND LEWIS COMBINE TO FORM GREAT INSTITUTION

(continued from page one)

are starting their studies at Armour. All sophomores, juniors and seniors in engineering, who had previously attended Lewis, will now complete their courses at Armour. Graduate courses in engineering will now be available only at Armour, the general scope of these courses being vastly increased. Lewis, however, will continue to offer sequence courses, in the arts and sciences, which will lead to M.A. degrees.

Many Liberal Courses

Lewis' great number of courses in the arts and sciences, and the desirability of keeping the teaching of engineering subjects and liberal arts subjects well separated, physically, necessitated the transfer of the engineering curriculum, that was formerly Lewis', to Armour. In this way, Lewis will be enabled to expand the range of its courses in the arts and sciences to a much greater degree than would have been previously possible. Its courses in business administration, education, home economics, the languages and the general sciences, not to mention its pre-professional courses, will now be available to more students.



Dean C. E. Clark

Armour, likewise, will feel the desirable effects of its merger with Lewis. Lewis has always been a well-recognized technological school, so it is only natural that it should have excellent facilities for the teaching of engineering subjects and, of even greater importance, an outstanding faculty. A great number of courses are being taught at Lewis, in the field of science, that do not enter into Armour's curriculum. Also, Lewis specialized in many engineering courses that were touched on with comparative lightness at Armour. The consolidation of all these courses in the sciences and engineering will go towards the making of a great midwest technological center.

Ceramics at Lewis

For instance, Lewis Institute offers courses in metallurgical and ceramic engineering while Armour covers the chemical engineering field fully. The combination of schools will in this way cover the full field of engineering in the direction of control of process work. Biology and several other subjects pertaining to sanitary science, now being taught at Lewis, can be combined with the extensive facilities that Armour has in sanitary engineering to give a course in this subject unequalled at any other school.

Research Expanded

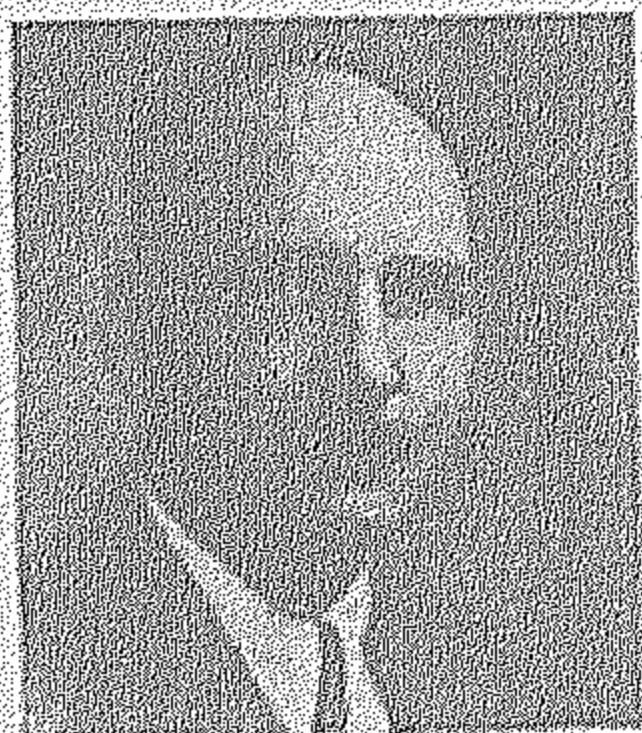
The Armour Research Foundation, which held a top-notch position in the fields of engineering and scientific research before the merger, is now in a position to



V. Pres. L. E. Grinter

dominate the field in the mid-west. This, too, is the result of the combining of the facilities of both schools.

The plan for the combination of the two schools was considered for two years before it was finally decided upon on October 26, 1939. Then for months preceding the actual adoption of the plan and, consequently, the legal consolidation of the schools, the merger



Dean C. A. Tibbals

was left lying in a dormant state as a result of the legal haze which surrounded the case in the courts. It was the will of Allen C. Lewis that was causing the delay of the merger. In his will were certain provisions which either had to be nullified or changed before the merger could be made. Finally, a legal decree, made up by the trustees was found to be satisfactory to the courts and to all concerned. This resulted in the adoption of the merger plan.

With the consolidation as it stands now, it wouldn't take a person with a great imagination to look into the future to see The Illinois Institute of Technology as a great, centrally-located institution of learning.

LEWIS ALUMNUS BECOMES MEMBER OF SPANISH STAFF

Senor Ramon Perez, a native of Spain, has joined the Lewis Institute faculty to teach Spanish. When still very young, Senor Perez made his new home in Cuba. As a student, he attended Lewis Institute and Chicago University, receiving his degree from Chicago. Senor Perez has traveled extensively abroad and throughout the United States. While living in France, he became attached to the French customs and language, and he still admits that he is fond of French.

During his last visit to his native Spain, the Spanish Revolution broke out, and he returned to the United States in the "nick of time". Senor Perez said that while it was nice to travel and visit other parts of the world, even the visiting made you glad to return to the United States to live.

SCHOLARSHIPS AWARDED TO NINE SENIORS

Mr. H. T. Heald, president of Illinois Institute of Technology, honored nine seniors of Armour Institute of Technology today by awarding them the senior honor scholarships. The scholarships are awarded each year to senior students with high scholastic records, personality and participation in many extra-curricular activities. In view of the merger of Armour Institute of Technology and Lewis Institute, the awards are to the Armour College of Engineering and Architecture of the Illinois Institute of Technology for the academic year 1940-41.

These nine senior honor scholarships are made possible by endowments from four prominent Americans. Three of these scholarships were established in 1909 by Mr. Bernard E. Sunny, a trustee of Armour Institute. The two "Edward G. Elcock Scholarships" are awarded to students in Civil Engineering. The other donors of scholarships were Mr. Isadore S. Prenner, who established three, and Mr. Malek A. Loring, who made possible one. These scholarships are awarded under the direction of President Heald.

The three students to receive the Bernard E. Sunny Scholarships are Robert J. Mead, Chemical Engineering, '41; Marvin Skoler, Electrical Engineer '41; and Leo Stoolman, Mechanical Engineer '41.

Won Freshman Scholarship

Robert Mead started his career at Armour in 1937 when he received a freshman scholarship. During his three years at Armour Mead has attained a scholastic average of 2.58. He is president of Tau Beta Pi, national honorary fraternity; a member of Phi Lambda Upsilon, honorary chemical engineering fraternity; and Pi Nu Epsilon, honorary musical fraternity. Other honors conferred upon Mead are the American Institute of Chemical Engineers' award for scholarship in 1940; nominated student honor marshal; and the Chicago Mechanics Institute Scholarship. Throughout his college career he has consistently earned 85 percent of his college expenses.

A perfect example of a student determined to obtain a college education is Marvin Skoler. He has spent four and one half years of study at the institute on a part time basis and worked to support himself when he was not in school. Scholastically he has been able to maintain an average of 2.92 out of a possible 3.00.

Leading M. E. Student

Leo Stoolman, one of the institute's leading students in mechanical engineering, was the recipient of the third Sunny Scholarship. In addition to his scholastic ability, he has shown a remarkable interest in extra-curricular activities. He is a member of Tau Beta Pi; Pi Tau Sigma, national honorary mechanical engineering fraternity; honor marshal for two years; a member of the mathematics club; and very active in intramural baseball, basketball and football.

The first of the three Isadore S. Prenner scholarship winners was Leonard Holmboe. Leonard came to Armour from Tilden Tech High School, the winner of a freshman scholarship in 1937. He is a student assistant in the English department; a member and treasurer of Eta Kappa Nu, honorary electrical engineering fraternity; and served as honor marshal last June.

Receives Architectural Award

The only architectural student receiving a senior scholarship

Nine Prominent Men To Augment Armour's Faculty

Most important of the recent activities in the mechanical and civil engineering departments has been the swelling of the ranks in the faculty personnel. The names N. O. Myklestad, Alan E. Flanigan, J. S. Kozacka, R. A. Budenholzer, Everett C. Schuman, Frank H. Wade, M. Bayliss and H. E. Hudson.

Myklestad is Mechanical Prof.

N. O. Myklestad was educated at Copenhagen and the University of California, completing his education at Cornell University where he received his doctor's degree. He obtained his practical experience in Europe and in the United States at Westinghouse Electric, where he worked as a turbine and diesel designer. His position here will be as assistant professor of mechanical engineering.

New Welding Assistant

Alan E. Flanigan is a graduate of mathematics, from Princeton. After five years of practical welding he returned to the University of California for a master's degree. He will be installed in the shops as an assistant and lecturer on welding.

J. S. Kozacka who had taught machine shop practice and tool design at Lewis, will give lectures to machine shop students at Armour.

Following up his education at the University of Mexico, R. A. Budenholzer proceeded to the California Institute of Technology as a research fellow in petroleum studies. He achieved his doctor's degree and is an expert on thermodynamics of petroleum.

Water Treatment to be Taught

H. E. Hudson is an assistant to Mr. Bayliss who is in charge of the Chicago Experimental Water Treatment Plant. A course in water treatment will be offered to the Senior Civils by Mr. Hudson during the day and in the evening Mr. Bayliss will hold his classes.

Two faculty members from Lewis who will aid the Civils are Frank H. Wade and Everett C. Schuman. Their classes will be in civil engineering mechanics.

award, the second of the Isadores, S. Prenner scholarships, was L. H. Reinke. He entered the Institute as a graduate from the Oshkosh Wisconsin High School with a standing in the upper one-third of his class. He is a member of the cycle staff, member of Scarab, architectural fraternity, and winner of the Bartlett Memorial scholarship in February, 1940.

Le Roy Goetz is one of the two civil engineering students to receive the Edward G. Hancock Award. He entered Armour in 1937 with a freshman scholarship award, having graduated from Lindblom High School with a rating of number six in his class. He is a member and president of the Armour Chapter of the American Society of Civil Engineers; member of Chi Epsilon, civil engineering national honorary, member of Tau Beta Pi, and is manager of the golf team.

The other recipient of an Edward G. Elcock scholarship is R. J. Hruza. According to ratings for the present senior class, he ranks number eleven and number two among the civil engineering students. He is a member of Chi Epsilon, honorary civil engineering fraternity and Theta Xi, social fraternity.

John I. Yellott New Youthful Head of Mechs

Recognized as the most outstanding young mechanical engineer for 1939, John I. Yellott will be a valuable addition to the faculty of Illinois Institute of Technology, serving as Professor of Mechanical Engineering and Director of the Department.

Chairman at Stevens

Mr. Yellott's rise to fame began when he became an honor graduate from John Hopkin's University in 1931. After two years advanced study under Professor A. C. Christie, he received his Master's degree. For one year he was instructor in Mechanical Engineering at the University of Rochester, and went to Stevens in 1934 where he achieved the position of assistant professor. He served as Chairman of the Mechanical Engineering Department at Stevens in 1937-38.

Industrial Research

Mr. Yellott has had varied industrial experience, including some time in the turbine department of the General Electric Company, as well as numerous consulting connections. He is regularly engaged as a consultant by Keuffel and Esser Company and recently has carried on research projects for the Worthington Pump and Machinery Company and Republic Flow Meters Company.

Paper's on Steam

His research work has been mainly in the field of high velocity steam and air flow. He is the author of numerous papers and discussions, his most important contributions concerning "Super-saturated," and "Observations of Flowing Steam."

Mr. Yellott is active in the work of the A.S.M.E., a member of Tau Beta Pi and Sigma Xi, and holds a professional engineering license in New Jersey. Surely Mr. Yellott's industrial experience, diversified interests, young initiative, and fine personal qualities, make him a worthy successor of Professor Peebles, former head of the Mechanical Engineering Department.

Officialdom of Seniors Announced Next Tues.

All senior students wishing to run for an office in the senior class must place their names in the office of the Registrar by Friday. These names must then be approved by the dean's office before they are placed on the ballot.

On Tuesday, October 8, the election will be held in the lobby of the student union. This election will be conducted in the same manner as have those in the past. It is requested that all seniors lend their full support to this important task.

The last award, the Malek A. Loring Scholarship, was presented to Roy E. Jacobsen, who was the winner of a freshman scholarship in 1937. He has ranked first in the Civil Engineering class of 1941 for his three years at the Institute, and is tenth in the present senior class. His activities include the Glee Club, the Dance Club, American Society of Civil Engineers and several intra-mural sports. He has served for two years as student honor marshal, assisting in commencement exercises.

Staff Meeting - -

(continued from page three)

tabloid has created very favorable comment in journalistic circles and approval from its readers. Professor Hendricks discussed in a lively fashion some of the worthwhile principles of "P.M." which he thought could well be adapted to TECHNOLOGY NEWS.

Editors Inspect Lewis

Following this talk, brief comments were made by Peter Woods, Lillian Snodgrass, and Fred DeMoney, Armour sports editor. Mr. DeMoney expressed himself as being well satisfied with the situation, especially concerning his inspection of Lewis College with Peter Woods, Miss Snodgrass, Alda Kairis, Ed Center, photographer, and others. The scenery was found to be remarkably sufficient.

Inspection of the glamorized new newspaper headquarters followed adjournment from the dinner tables. The addition of new tables, desks, typewriters, baskets, lamps, and files; the arrangement of the rooms, which provide considerably more space than the old offices; and the attractiveness of the decorating provided the greatest surprise of the evening.

RESEARCH STRATOSPHERE JUMP

(continued from page one)

shock of falling from such great heights. It is also necessary to determine whether or not it is possible for the jumper to keep command of his senses until he has fallen below the altitudes which are so cold that he may suffer from frostbite, or even death from freezing.

High Altitudes Reproduced

The chief purpose of the laboratory test was to actually reproduce the conditions of temperature and wind velocities which Starnes will encounter as he plummets earthward at 200 miles per hour through seven miles of subzero nothing. Under these conditions the eyeballs of an exposed person will freeze solid in less than five seconds.

Starnes entered the wind tunnel fully clothed in the jumping regalia, as shown in the accompanying picture, to brave the simulated high altitude fall. He was wearing a special face mask designed by Dr. Thomas C. Poulter, scientific director of the Armour research Foundation, having been second in command and senior scientist of the Byrd Antarctic Expedition II. Starnes also carried 103 pounds of scientific equipment in addition to his oxygen tank, main and auxiliary chutes. In the jump he expects to pull the main chute at 3,000 feet after a six mile fall and the auxiliary chute at 700 feet which will slow

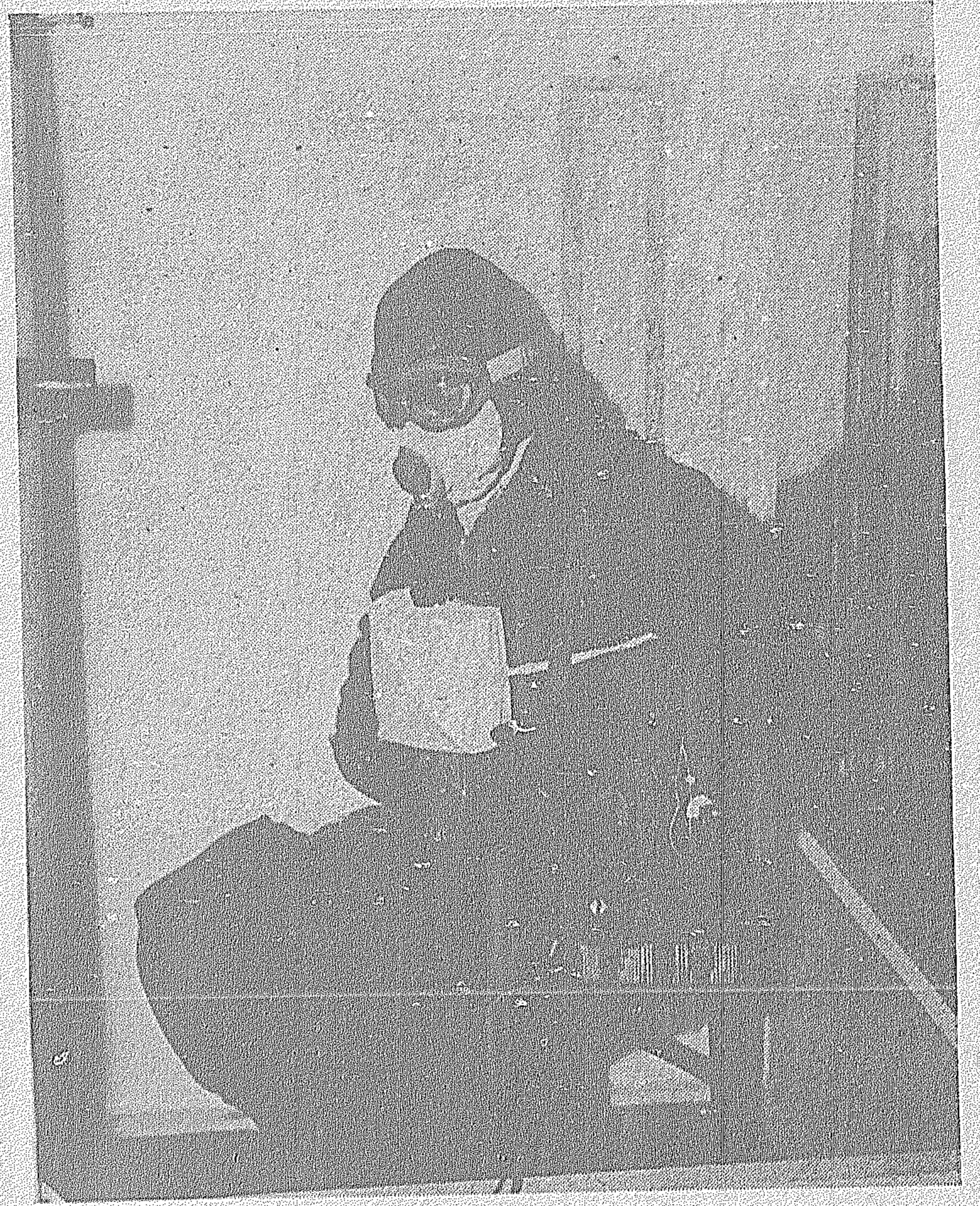
down his rate of fall to 12 feet per second.

67 Degrees Below

The Foundation's cold room had a temperature of zero, Fahrenheit when Starnes stepped into it for the test. After his equipment had been tested he entered the special combination super-cold room and wind tunnel where the temperature had been lowered to 67 degrees below zero. The wind tunnel was glass enclosed so that the attending scientists could observe his reactions. At the click of a switch two high-powered blowers drawing air at zero temperature through a revolving chamber soaked with liquid air, blasted a stream of air at 67 degrees below zero and at 200 miles per hour directly into Starnes' face. As he twisted and turned to expose all parts of his body to the frozen blast the observers were able to see his reactions at the same time that his heart action, breathing and verbal reactions were being relayed by short-wave radio to other parts of the Foundation laboratories by the equipment he was wearing.

After being exposed to the excruciatingly low temperature, Starnes was removed from the tunnel and examined and questioned by the scientists. Although the results of the test have not become known, it is believed that they were very satisfactory.

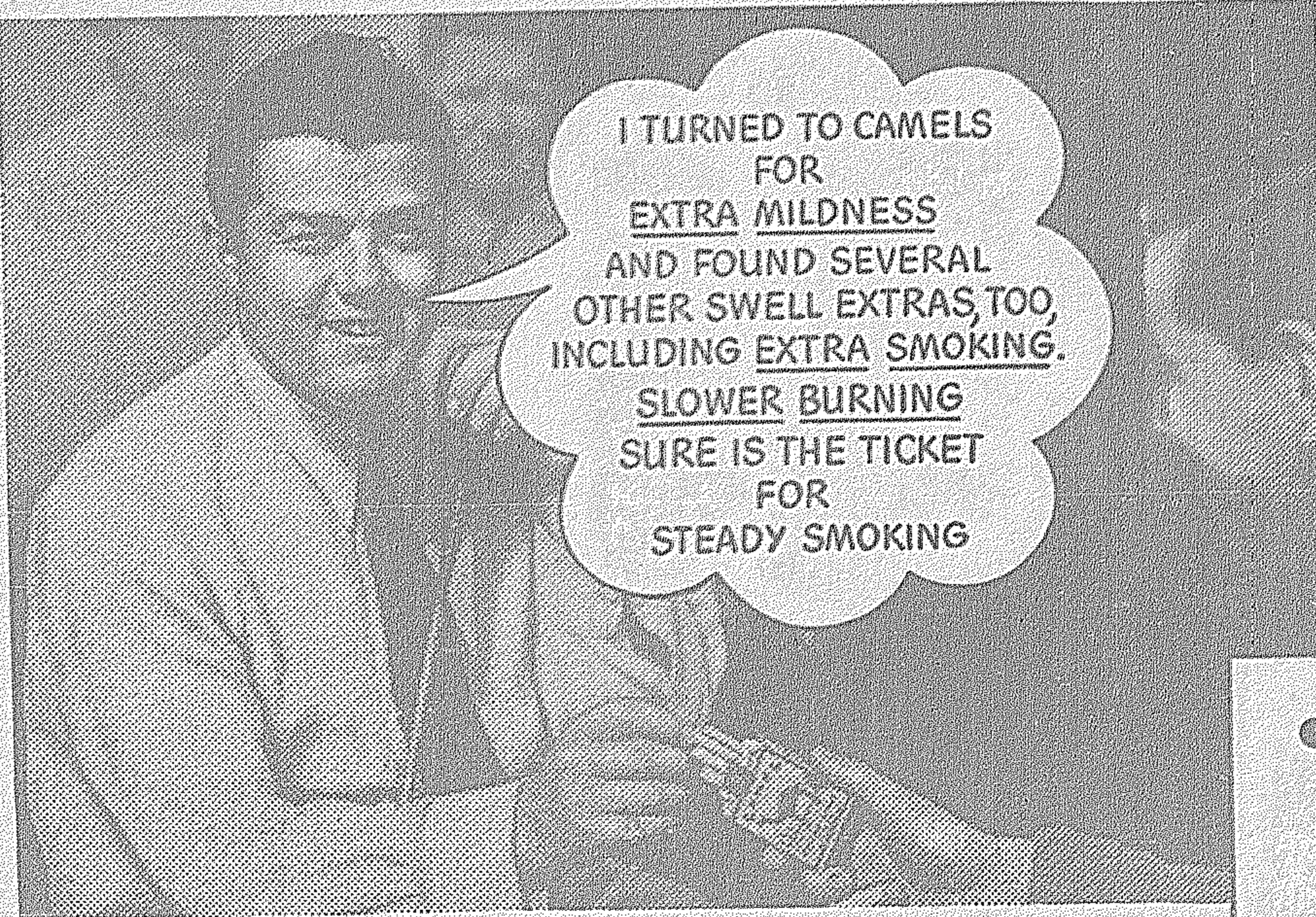
SIMULATING A PARACHUTE LEAP



Jack Starnes undergoes the 200 m.p.h. blast of a 67° below zero man-made gale, clothed in jumping regalia and special face mask.

EXTRA DISTANCE IN HIS DRIVES—EXTRAS IN HIS CIGARETTE

YES, LARRUPING LAWSON LITTLE, NATIONAL OPEN CHAMPION, PREFERS THE CIGARETTE THAT GIVES THE "EXTRAS"—SLOWER-BURNING CAMELS



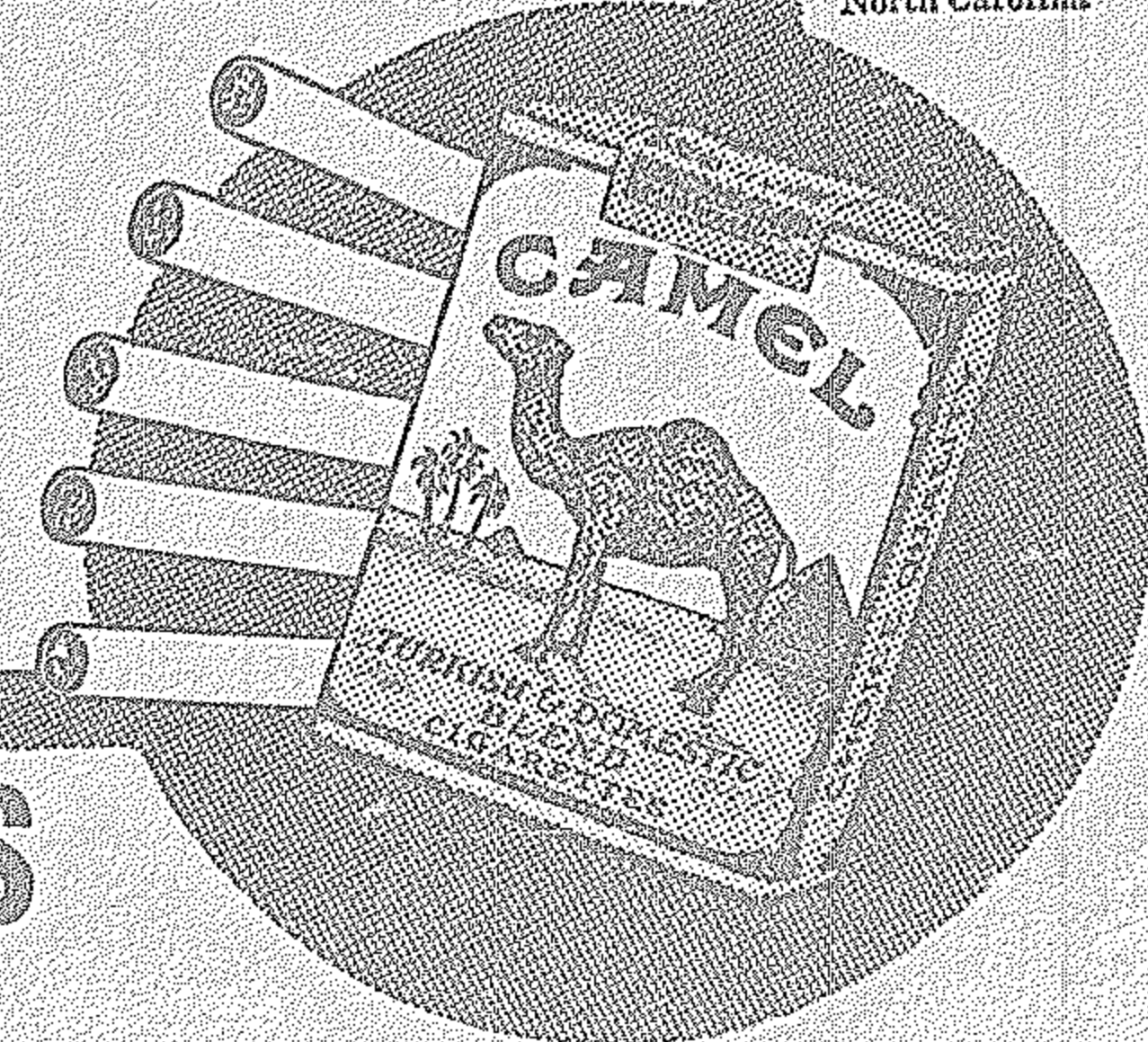
I TURNED TO CAMELS FOR EXTRA MILDNESS AND FOUND SEVERAL OTHER SWELL EXTRAS, TOO, INCLUDING EXTRA SMOKING. SLOWER BURNING SURE IS THE TICKET FOR STEADY SMOKING

● YOU WATCH THAT BALL go screaming off the tee and you shake your head. How does he do it? Form, timing, power, wrist action, control...he has them all—but Lawson Little has that extra measure of each which makes the difference between a good golfer and a champion golfer. Just as the extras in his favorite cigarette...Camel...make the difference between smoking and smoking pleasure at its best.

- EXTRA MILDNESS
- EXTRA COOLNESS
- EXTRA FLAVOR

In recent laboratory tests, CAMELS burned 25% slower than the average of the 15 other of the largest-selling brands tested—slower than any of them. That means, on the average, a smoking plus equal to

5 EXTRA SMOKES PER PACK!



Copyright, 1940 R. J. Reynolds Tobacco Company Winston-Salem, North Carolina

GET THE "EXTRAS" WITH SLOWER-BURNING CAMELS THE CIGARETTE OF COSTLIER TOBACCOS

COACHES CHANGED, ADDED IN ATHLETIC SHAKE-UP

Meyer New Quintet Mentor; Sonny To Take Over Baseball

Starred For Maroons In Baseball, Basketball

Recognizing the need of a larger athletic staff and in answer to various complaints, Athletic Director John Schommer has announced the reorganization of the coaching staff and the addition of a new member. The latter is the well known and highly regarded Bob "Remie" Meyer, formerly of the University of Chicago. "Remie" steps into the post vacated by Grant Stenger, namely, basketball coach.

Starred at U of C

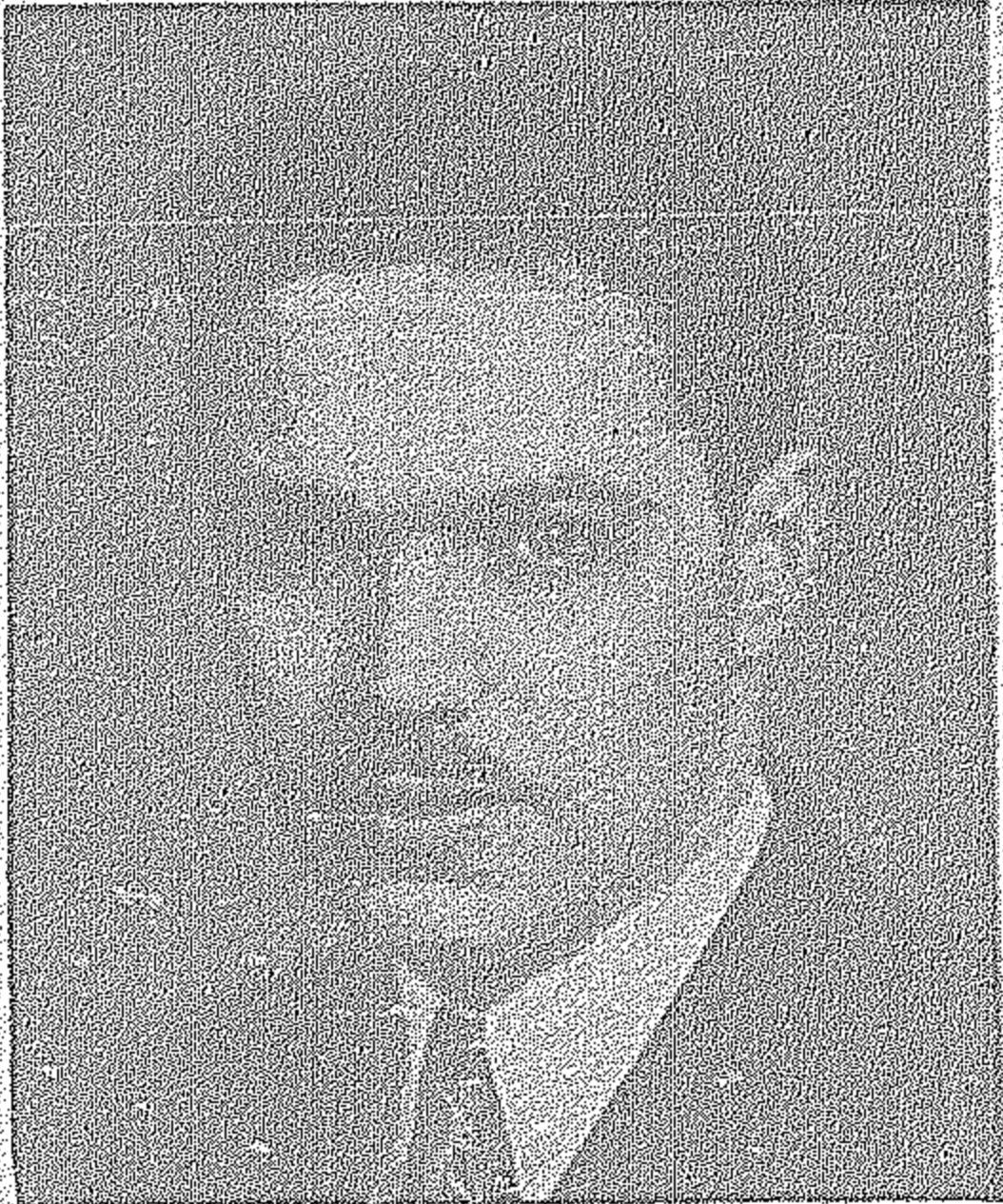
Techawks of a few years back can recall the blond star of the University of Chicago for he played a leading role in several contests against the men from the Institute. While in attendance at the Midway to which he earned an honor scholarship, Meyer was honored with nine athletic awards. Football, basketball and baseball found him a participant but it was in the latter two that he starred. In his senior year he was acting captain for half the season and his court achievements culminated in his being selected on the second team of the Herald-American's all Big Ten squad.

Plays Pro Baseball

In baseball he played first base and led the Big Ten in home runs. His efforts here earned him a position with Waterloo, a Cincinnati farm in the Three Eye League. Last fall Remie captained the LaSalle Hotel Cavaliers in the Windy City League and led the league in scoring. He has always been a very friendly and likeable gent and sure will have little trouble finding cooperation with his squad.

Norm Root at Helm Of Track Teams For Sixth Straight Year

Greeting potential track greats for the sixth consecutive year, will be Norman R. Root, diminutive coach of indoor and outdoor track at Illinois Tech. Norm will resume active direction of the team with the opening of the indoor season in December. The squad will hold its practices and home meets at the University of Chicago Fieldhouse, which boasts one of the



Norm Root

finest indoor tracks in the country. Norm also serves in the capacity of freshman track coach at the University of Chicago. During the off season, he is engaged in the practice of selling insurance.

During the 1935 season Norm took over the direction of the tracksters from A. A. Stagg Jr. and since then has accomplished much

Adds Baseball To Wrestling, Boxing

Mr. Bernard Weissman, Student Union Manager, assistant athletic director, boxing coach, wrestling coach, baseball coach, and known to most of us as just plain "Sonny," is now entering upon his thirteenth year at Armour.

The little fellow with the big cigar in his mouth first claimed attention when he was an eight letter man at Lane Tech, starring in baseball, basketball, track and soccer. In 1924 he entered De Paul University and in 1928 graduated with an A.B. and an LL.B. degree, finding time to box and play baseball during the four years.

Came Here in 1928

In September of 1928, he became Armour's boxing coach, and in 1932, when wrestling was revived, he took on the duties of wrestling coach. From 1928 to 1934 he worked in a law office, still finding time to put out good boxing and wrestling teams. From April, 1934, to November, 1937, he also served the United States as an enforcement officer in the Internal Reve-



Sonny Weissman

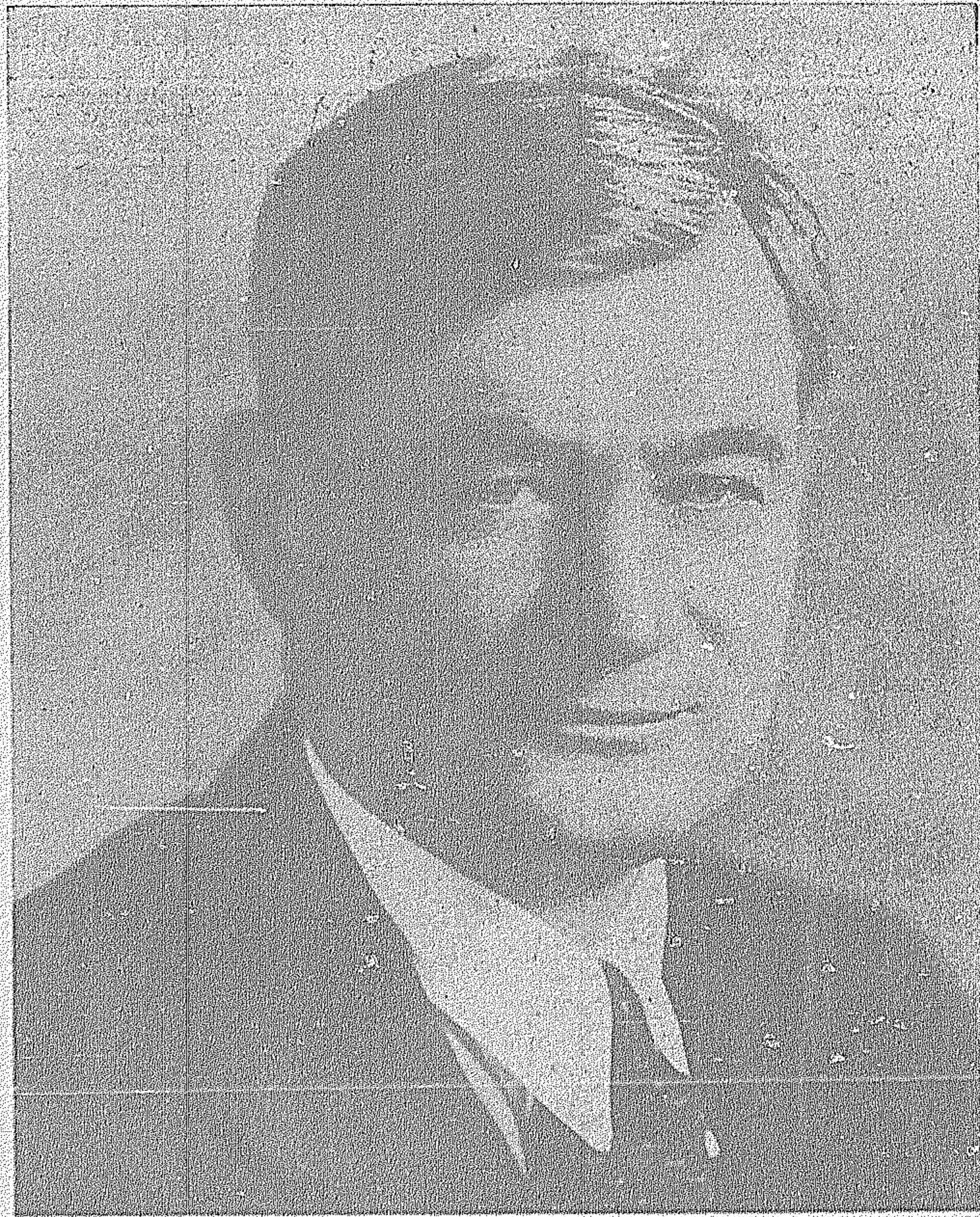
nue Department. In December, 1938, Sonny was appointed Student Union Manager and in 1939 he became assistant athletic director to John J. Schommer, athletic director of Illinois Tech. This fall he has added baseball coaching to his many activities.

Mr. Weissman is well known as a referee, having held a National Amateur Association license to referee since 1934. He has refereed the Chicago Golden Gloves tournaments in Springfield and Davenport every year for the past five years. Since 1936, he has been chief second in the Golden Gloves Tournament of Champions in Chicago. In February, 1939, he began refereeing professional fights at both the Marigold and White City boxing emporiums.

Baseball Coach Now

During all the years that Sonny has handled the wrestling teams, the teams have always ended the season above a .500 average. This year Sonny will have to practically rebuild his wrestling team, since many lettermen were lost by graduation, but this shouldn't phase him.

in the development of track and field men at Armour. The outstanding success of the trackmen was their record in the 1938 Tech Relays in which Armour placed third and captured two firsts. Last year's team had a fair season and this year a number of the stars will return and these will be fortified by recruits from the Lewis campus.



John Joseph Schommer

To all former Armour students and present students of Illinois Institute, John J. Schommer, athletic director and director of placement, looms as the inspirational leader, adviser, and friend among friends. His integrity, fearlessness, good-nature, and staunch tongue has hallowed his name. Described as a "big man with a grand smile," Mr. Schommer is one of Middle West's most popular luncheon and dinner speakers.

"Uncle John" as he is wont to be called by the students received his B.S. degree from U. of Chicago in '09. While at the Midway he was a four letter man in football, baseball, basketball and track. He captained the intercollegiate champion Maroons in '08, and was an all-Western end in football.

Mr. Schommer then moved his books and slide-rule up the street a bit and enrolled at Armour in ChE department. He received his degree in 1912, and became a professor in Industrial Chemistry. After a bit J. J. became athletic director and also basketball coach. A few years ago Mr. Schommer was made director of placement, a job which he particularly enjoys.

Since his arrival at 33rd and Federal, John J. Schommer has been president of the Alumni Association, a post which he resigned last year after many years of service. He has also been a member of the Board of Trustees for some years.

He has been an official of the Big Ten since 1910, and is a national authority on intercollegiate athletics. As a regular speaker of the Monday morning quarter backs Mr. Schommer, by virtue of his umpire's capacities, enlightens fellow "quarter backs" on just why the Golden Bears pulled a reverse on the third down while on the 22 yard line.

Mr. Schommer's fall schedule is an impressive one. Mixing both business with pleasure, the Athletic Director and Director of Place-

UMPIRE SCHOMMER'S SCHEDULE

(Follow the pigskin parade with John J. Schommer)

Oct. 5	College of Pacific vs. Notre Dame at South Bend, Indiana
Oct. 19	Minnesota vs. Ohio State at Columbus, Ohio
Oct. 26	Penn vs. Michigan at Ann Arbor, Michigan
Nov. 2	Army vs. Notre Dame at Yankee Stadium
Nov. 9	Iowa vs. Nebraska at Lincoln, Nebraska
Nov. 16	Iowa vs. Notre Dame at South Bend, Indiana
Nov. 23	Indiana vs. Purdue at Lafayette, Indiana

ment will give a variety of talks before various groups, meeting both personnel men of industrial concerns and alumni before or after his "working" hours on the gridiron.

At the Minnesota-Ohio State fracas Mr. Schommer will meet the Columbus alumni, among which Ed Swanson, '38 quintet captain is a member, and enlighten them on the new Illinois Institute of Technology. After the Penn-Wolverine game the Director of Placement will chat with representatives of the Dow Chemical Co. On the Friday before Army battles Notre Dame Mr. Schommer will address personnel men of Eastern concerns regarding placement of IIT graduates.

Fencers Start EPEE Practice

Fencing is in the air again! All guys and gals who are interested in this most graceful of strenuous sports are invited to attend the first meeting of the Illinois Tech Fencing Club to be held Thursday, October 3, at 5:00 P. M., in the school gym of the Armour College campus. This will be primar-

ily a business meeting and it is especially urged that Lewis students attend. After this first meeting, notice of the first practice session will be posted on the bulletin boards.

The fencing club is herein presenting a real opportunity for the students to get together in real fun and at the same time enjoy one of the most wholesome indoor sports available to an athletic minded person.

'Mac' Celebrates Fifteenth Term As Swim Coach

The dean of the Illinois Institute's coaching staff is Coach McGillivray. For the past fifteen years he has been the mentor of the swimming teams at Armour and now he is to take up the coaching of the Illinois Institute's aquatic teams.

Former Breast Stroke Champ

Coach McGillivray is a round, jolly man about five feet ten inches tall who in his day held the breast stroke championship at the Illinois Athletic Club for three consecutive years. His favorite stroke is the crawl but at the time of his championships he swam the breast stroke because there was another man on the team who was more proficient at the crawl than he was.

He is very well qualified as a swimming coach. During the years that he has been coaching he has given many talks and demonstrations about swimming all over the Middle West. These talks have been before every sort of gathering including swimming teams and conventions of coaches. These talks were always very well attended and mimeographed copies of his methods and speeches have been requested by coaches all over the Middle West.

'Mac' Highly Regarded in Country

He has also been president of the Big Ten Swimming Coaches Association several times during his career as a coach. He received this job because his primary place of coaching is the University of Chicago and the coaching of the Armour and Illinois teams has been a side line. In spite of this fact the swimming teams at Armour have always been among the best as far as wins and losses are concerned.

He is looking forward to a good season and would like to see a good group of lads out for the swimming tryouts.

Southern Gentleman Sammy Bibb Greets Golf Proteges Again

In 1934 Samuel Fletcher Bibb took over the duties of Prof. Leigh as golf coach and since then has handled this activity with growing success. Golf has had a hard time of late due to the heavy

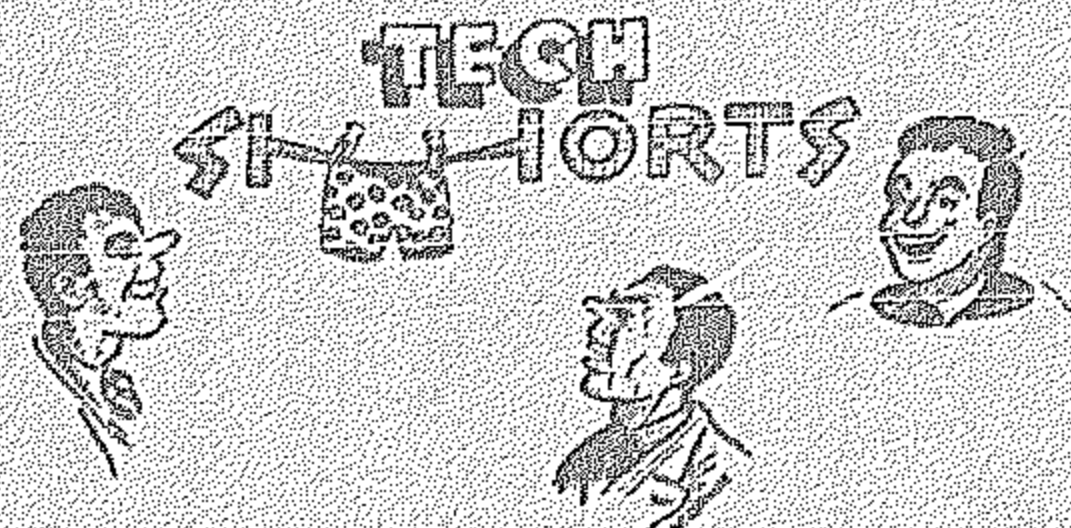


S. F. Bibb

curriculum and the distance to a suitable golf course. However, the pleasure of playing with Coach Bibb has kept many a member on the team who otherwise might have dropped out.

Golf and Math Mix

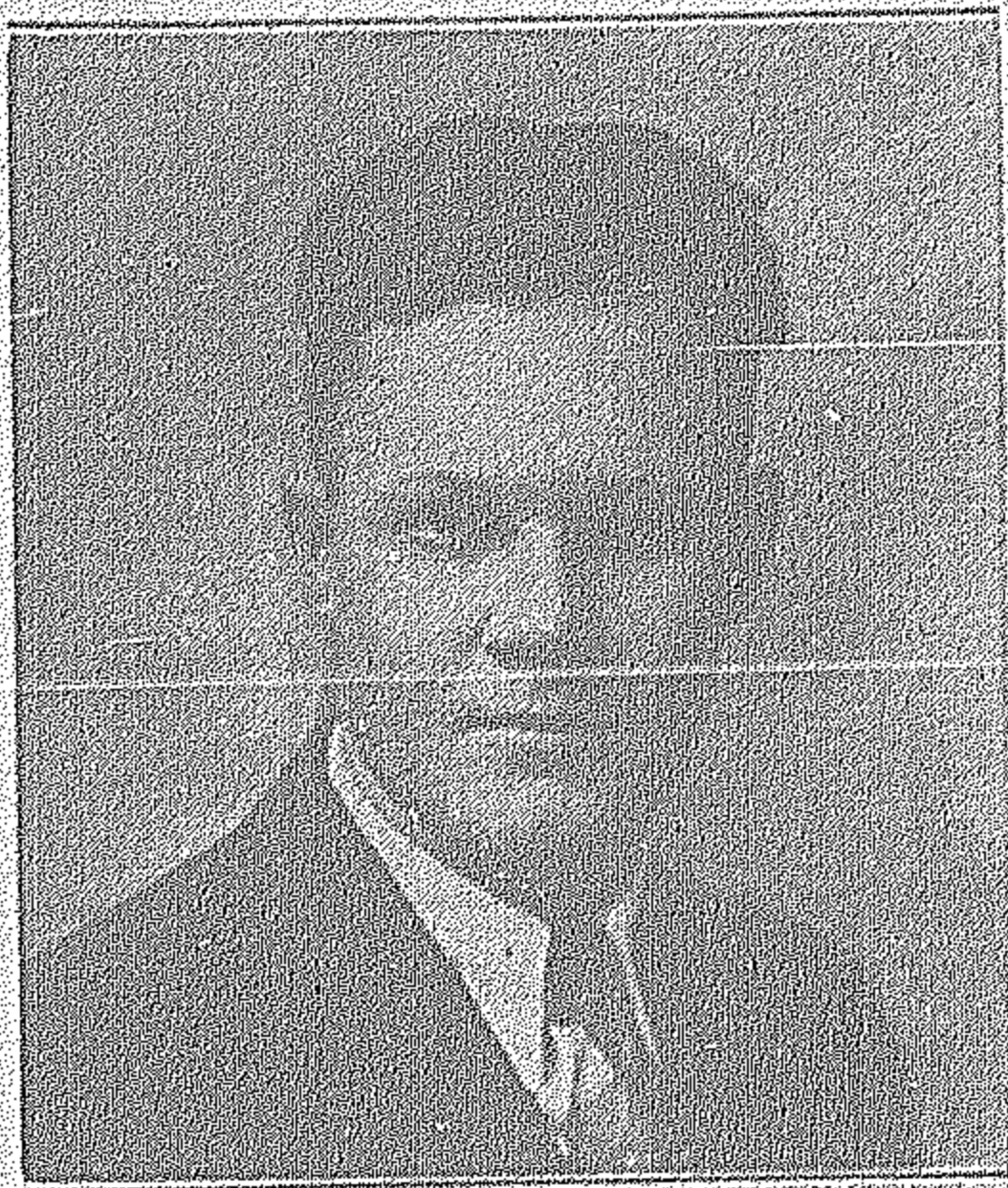
Golf seems to be a mathematician's plaything, for both Prof. Leigh and Coach Bibb are math pros. However, this is a serious (continued on page eleven)



by Fred DeMoney

It shall be the policy of this Column to express editorially our views on Sports of Illinois Institute of Technology.

Of prime importance to the athlete at IIT is the new athletic arrangement. One new man so far has been added to the Staff; one coach has added another sport to handle; and another coach is being selected to replace a former coach now on leave. This, expressed more specifically, means that basketball will be coached by Bob



Grant N. Stenger

"Remie" Meyer, former Maroon great; Sonny Weissman will be the baseball mentor as well as handling boxing and wrestling; and, as Mr. Colvert is on leave, a new tennis coach is being sought from the faculty.

Grant N. Stenger, former basketball and baseball coach, is slated to handle the gym classes at Armour and Lewis, and also the intramural program at Lewis. Mr. Stenger, by the way, can be found most any Saturday afternoon these days officiating on some high school gridiron.

Quite a problem confronts the ACSA board as the question of letters and colors becomes apparent. What shall the letter be? What will be the school colors? Obviously the block "A" is obsolete, and as to colors, whew! Armour College boasts of three: namely, black, gold, and scarlet. On the other hand, Lewis has French blue and white as their standards. Now comes the problem. From these five colors, two must be chosen so that a pleasing and practical combination is attained. Consider French blue and scarlet. Imagine an engineer, creeping along in a French blue — sweater with a scarlet puff blue — sweater with a scarlet letter. He would be a blushing idiot within a few minutes of public acclaim. And so it goes. Scarlet and white seem a likely combination, although this is similar to North Central's pattern. For the letter, it seems likely that an "I" of some form or another should be considered. However, such a letter would have to have some distinction so that the various Big Ten School's athletic reputation using that symbol would not be injured. It's quite some problem. Another bottle of aspirin for the ACSA board.

Gymnastics are being contemplated as a new activity at Illinois Tech. All those interested, please report to Armour Gym on Tuesday 5:00 P. M. (Today).

Hardball Tourney Opens This Week

With the opening of the fall intramural sports program comes the vicious rivalry between the classes, departments, and students. The program is designed for all students to enable them to meet their fellow engineers on the field of battle. Expert or amateur, senior or freshman, each has the opportunity to win a medal for themselves either by being members of the winning teams or by winning individual matches. Many students say they do not have time enough for outside activities but in this case the time required is only an hour or two during a free period of the school day.

Hardball This Week

Hardball practice will start September 30 and the games will be played the week of October 6. Only twelve men from each class are allowed on the hardball teams. Football practice will start about October 9, and each department is allowed to enter a six man team with three extra men for substitution. Tennis and golf will be run during this same period but these sports will be for individuals only, so that there will be no conflict with hardball and touchball. Medals will not be given for tennis and golf during the fall tournament but will be given for the spring tournament. Ping pong and interclass basketball have not been scheduled yet but these will be announced later in this paper.

Rules Almost the Same

Charles McAleer, the intramural manager, states that the same rules will apply this year as last year except for a few minor changes which will be posted on the bulletin boards. Watch the bulletin boards for more information.

BIBB --

(continued from page ten)

plaything to Sammy, a tall lean southern gentleman, for he regards golf as the pinnacle of the sporting world. While genial Smamy takes his golf seriously, there is a certain amount of kidding that accompanies his bold game. Since S. F. came into power as a golf coach, there has been a steady rise in the putting stock. Although his former teams have not been too spectacular, his intramural tournaments are met with great enthusiasm by the student body.

Korrel, Bredlau Lead Team

Next year's team will consist of lettermen Korrel and Bredlau, co-captains, Sieg, and possibly Jo Jemsek. Coach Bibb is anxious to acquire at least four more men. These men will be picked on their showing in the fall and spring tournaments.

Fall Tourney This Saturday

This year's fall tournament will be held Saturday, Oct. 5th, at Southmoor. Lewis students are especially invited for students of both Institutes are eligible for the teams. Bibb would also like to see as many freshmen as possible out for this event for they too are eligible for the team.

The twelve men with the lowest score for eighteen holes will be matched against each other to play for the school championship. Coach Bibb would like to see all the golfers from Lewis and also the freshmen at this tournament. Students are urged to get acquainted with fellow duffers of Illinois Tech, Saturday, Oct. 5, at Southmoor.

Last year more than thirty fellows turned out for the golf tournament. Don Mackey, then senior golf manager, took first honors from his competitors.

So I've Heard!

by Art Hauswald

Sonny Weissman reports that only four of the fourteen lettermen in wrestling last year are back this year, while the boxing team will have to be content with four of the eight lettermen from last year's team. Consequently positions are wide open for the teams.

Due to the passing of the draft bill, all the armories in Chicago have been closed to the public with the exception of the 108th Engineers which happens to be the one the Techawks use for tennis and basketball. However, the present contract with the Armory has been signed to the end of this year, after which time the Techawks will have to play where they may.

News comes that Ed Krause, who did most of the slugging for the Techawks' baseball team last season, went down swinging three times in a row recently when the Co-ops shut out a team of employees of Armour in a softball slow pitching game.

We wonder if Jesse Kremer, the bookstore robber, pays the student union fee. He is making good use of the ping pong room.

We came back this fall to find that the Techawks were without a tennis coach, W. W. Colvert, who took the place of Dean Tibbals as tennis coach in 1931, is no longer here at school. Rumor has it, however, that the tennis team will have a top coach by the time the first practice is called.

O.K. Mister—here's the Smoker's Cigarette



COOLER, Milder
BETTER-TASTING
..that means Chesterfield

There's a whole World's Series of good smoking in Chesterfields... that's why it's the *smoker's* cigarette. The best tobaccos in all of Tobacco-land... blended together for MILDNESS, COOLNESS and BETTER TASTE.

Do you smoke the cigarette that SATISFIES

Chesterfield

MORE AND MORE... AMERICA SMOKES THE CIGARETTE THAT SATISFIES

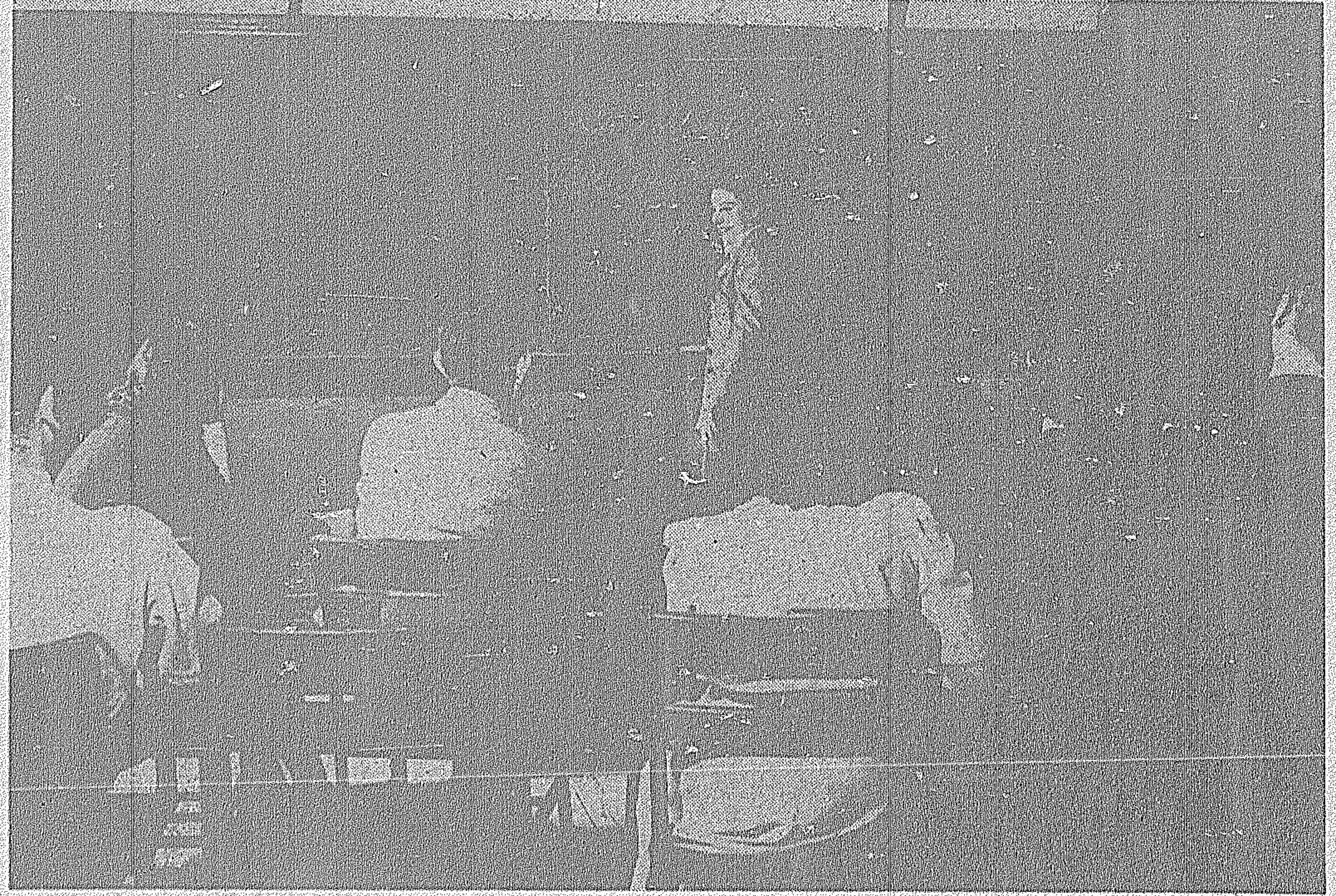
THE ARMOUR-LEWIS AXIS—

A pictorial saga of two Armour students and four Lewis Co-eds as they visited officials, classes, labs, and shops at Lewis Institute at a "sneak preview" before school opened.

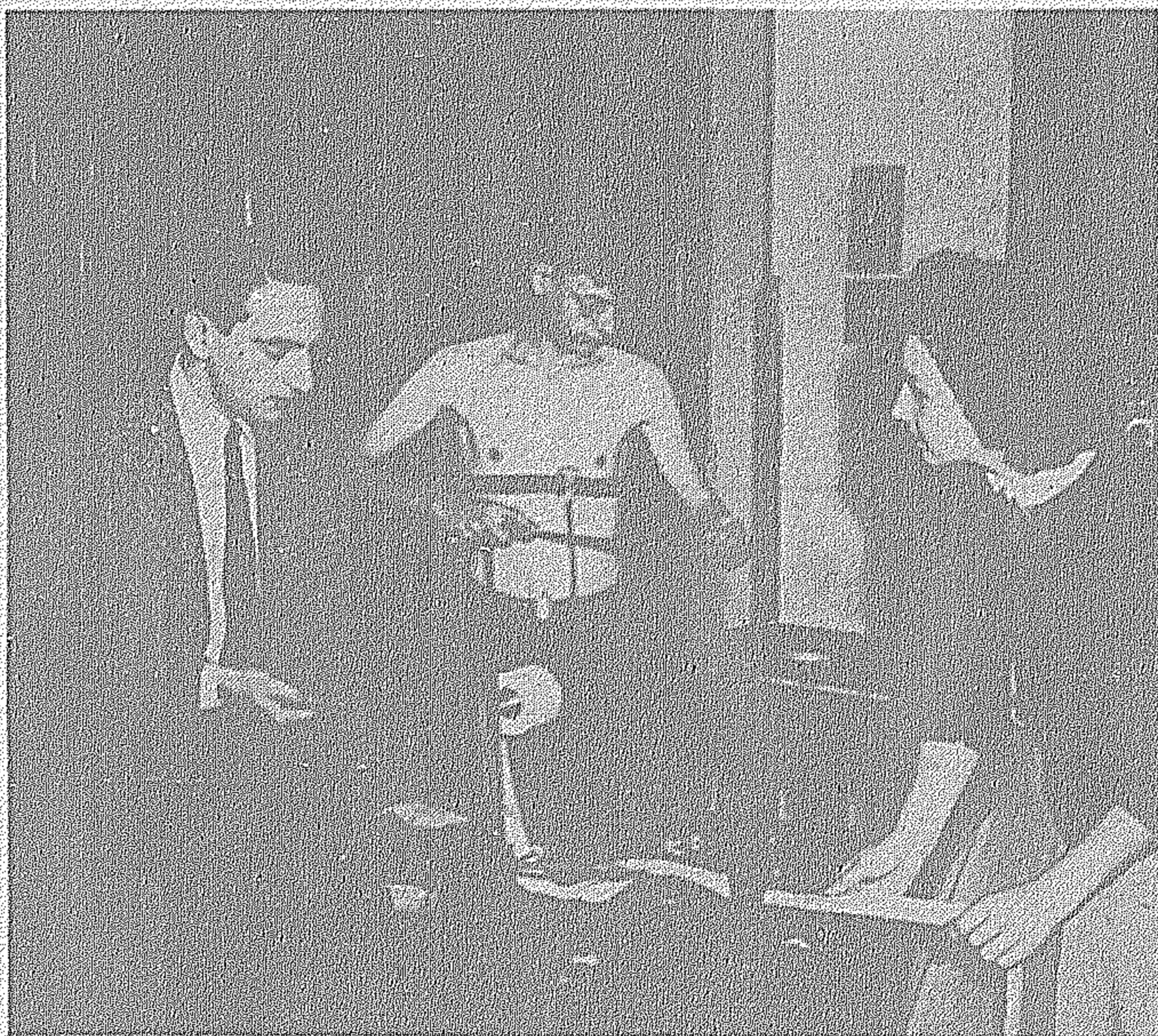
(All photographs by Ed Center, staff photographer)



Ah, an Armour man! An unarmed engineer wanders unwittingly near Damen and Madison and . . . this is the result. The unhappy man, shown trying desperately to escape the women is Fred DeMoney. Set to get this meek Techawk's scalp are (left to right) Dorothy Giambelluca, Alda Kairis, Mercedes Brown, and Lillian Snodgrass.



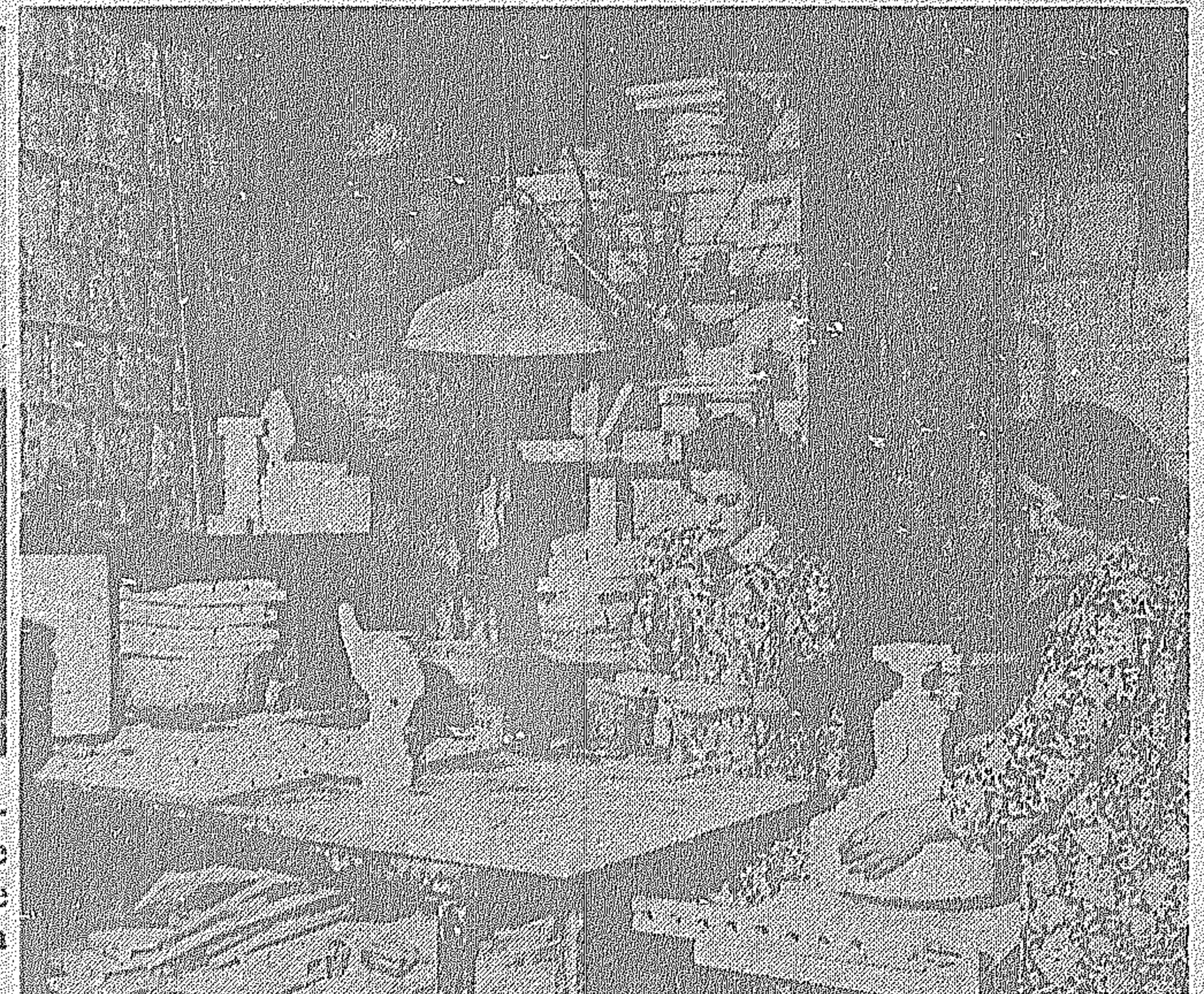
Lillian conducts a class in logic. Her pupils seem interested in passing this examination. Who wouldn't, considering the subject!



Thump, thump, thump . . . the telltale heart. One of Dr. Boder's experiments in the Psych lab. This is an experiment on industrial work fatigue, with Harold Winter wielding the file, Roy Fried timing, and Alda nursing the tape.



The Technology News gets a thorough examination by Dean C. E. Clark, with Pete Woods pointing out the high spots. They're probably chuckling over the one they saw in the Slipstick.



From ashes to ashes and dust to clay! Down in the Ceramics Lab, Mercedes and Dorothy do a little pottering around. Can this be the place where the girls mold their's and other people's careers?



Where they turn out things at Lewis. There even the girls run the lathes. Displaying great familiarity with the machines, Alda, Mercedes, Dorothy, and Lillian get expert advise on the art of planing. Ah, the die is cast!



What do I do now? No kidding, these girls really know what this Corliss one lugger is all about. Alda takes the RPM reading with a tachometer, Mercedes throws in the governor control, Dorothy opens the throttle valve, and group leader Lillian keeps check on the steam pressure. After a test run with constant load conditions, they put their heads together and come out with an efficiency of 78.1%.