

889 IIT Men at War; 2 Generals Head Roll

Nearly a thousand Illinois Institute of Technology alumni have gone to war.

Recent figures reveal that 889 alumni of IIT are now in the nation's armed forces. Of these, 623 are in the Army; 266 are in the Navy, Marine Corps and Coast Guard.

Forty-two per cent of Illinois Tech's alumni in uniform are commissioned officers. Highest ranking of these are Brig. Gen. Charles L. Bolte, Ch.E. '16, and Brig. Gen. Douglas L. Weart, C.E. '13. The former is chief of staff of the American Expeditionary Forces, and the latter is commanding general of the Caribbean Defense Command.

Capt. John F. Wegforth, A.A. '17, is the highest ranking Navy officer. Capt. Wegforth is commandant of the United States Navy Air Field at Pearl Harbor.

Heading the officers in the Marine Corps is Maj. John W. Bathum, A.S. '28. Maj. Bathum is stationed in Ireland.

Among the other officers in the Army are included four colonels, 12 lieutenant colonels, 21 majors, 45 captains and 182 lieutenants. Other naval officers include two commanders, seven lieutenant commanders, 64 lieutenants and 85 ensigns. One captain and one lieutenant are in the Marine Corps, in addition to Maj. Bathum.

Casualties among Illinois Tech alumni have numbered nine since the beginning of the war. Four others are missing in action, and one is a Japanese prisoner of war.

First alumnus to lose his life was Lt. John F. O'Connell, Jr., Ch.E. '38, of the Army Air Corps, who was killed in action Dec. 8, 1941, in the Philippines.

Other Army Air Corps casualties include Lt. Robert K. Freeman, F.P.S. '37, include Capt. Robert R. Brouk, A.S. '43; A/C Roy W. Erickson, A. '44; and A/C John P. Siew, Chinese student, M.E. '42.

Alumni in the Army who were killed in action are Sgt. Harry R. Bealles, A. '41, and Lt. John H. Noyes, A.C. '26.

Ensign Warren T. Umbright, F.P.E. '41, of the Navy and Arnold E. Blume, A. '41 of the Marine Corps, are also among those killed in action.

The four alumni who are missing are: Lt. William A. Dietch, A.S. '41, of the Army Air Corps; Lt. Frederick C. Harrington, '32 of the U. S. Navy; Lt. Charles H. Miller, M.E. '44, of the Army Air Corps;

and Lt. Fred L. Schoenwolf, E.E. '26 of the Navy.

The Japanese prisoner of war is Lt. Alice Hahn, A.S. '43, of the Army Nurse Corps. Lt. Hahn was taken prisoner during the fall of Bataan.

Golden Scores In Student Contest

Gerald Golden, junior in mechanical engineering, has won second place in an international contest sponsored by the American Foundrymen's Association for student papers on some phase of foundry work, it was announced recently.

Golden wrote his paper on "Magnesium Sand Casting Theory and Practice." His paper is one of few consolidations of information on the subject.

As an award, he has been given \$50 for a trip to the meeting of the American Foundrymen's Association from April 29 to May 1 in St. Louis. The award is given by the Obermeyer Fund of the Association.

The contest was open to students in all engineering schools in the United States and Canada.

Civils Visit Riverside

The town of Riverside was the site of a field trip made by the junior civils last Friday afternoon, May 1. The object of this trip was an inspection of the municipality from a civil engineering standpoint. Among the items inspected by the civils were the water and sewage systems, and the parks and

John Schommer Reviews Engineering Situation on Future Deferment Plans

By BENJAMIN MAYES

"The engineering situation is becoming more serious and complicated every day," said John J. Schommer in an interview today. "New plants just finished, and many others about to be finished, need engineers by the thousands. Tens of thousands of engineers are already in the Armed Services and more are joining up all the time."

"As the picture now stands with

FPA Meet May 10

The forty-seventh meeting of the National Fire Protection Association will be held May 10 to 15 inclusive at the Palmer House. The program will be devoted to fire protection problems in connection with the war.

Physical Society in Columbus, Ohio, Friday, April 30, by Dr. Forrest F. Cleveland.

John M. MacGregor, associate soil chemist at the Armour Research Foundation, discussed "Gardens Need Water" Tuesday, April 27, and Dr. Ruth Cowan Clouse talked about home preserving Wednesday, April 28, in the OGD's Victory Garden Information Center series at Marshall Fields.

Two speeches are scheduled for Friday, May 7. Miss Ida Didier will speak at the Consumer Education Center training school in the Peoples Gas Building auditorium, and Dr. Francis Godwin, assistant director of the Armour Research Foundation, will speak at Monumental Baptist Church.

Dr. Max Jakob of the mechanics department visited the Army Air Forces Material Center at Wright Field, Dayton, Ohio, last week in order to discuss various problems of heat transmission on and in airplanes.

Dr. George Ziegler, of the Research Foundation, spoke before the University of Illinois, Chicago chapter of Sigma Xi last week on the aspects of bone x-rays.

Five Courses Begin May 24

Five courses will be offered during the six weeks between the end of the present semester and the beginning of the summer term. Classes will start May 24.

These are Math 113, Math 100B, M.E. 402, E.E. 415, and Chem. 201. Most of these courses are generally taken in summer school, but since IIT is now on a three semester year, this is no longer possible.

Trigonometry and analytic geometry are offered for those students who take their freshman math in three semesters instead of two. The mech and juice courses are primarily for co-ops, although anyone who has the necessary prerequisites may take them. Quantitative analysis is offered by the chemistry department, since this course is ordinarily taken eight hours a day, for five weeks in summer session.

700 Attend Sing at Lewis Friday; Wire Records Voices at Armour

Seven hundred voices filling the air with the fight songs of the armed forces and Illinois Institute of Technology rang out on the west side campus Friday when the Signal Corps students joined with the regular students for an all-school song fest. It marked the first time the west side students and the trainees of the Signal Corps have congregated together for an extra-curricular activity.

The auditorium was crowded to capacity for the song fest.

On the south side campus, a similar program was also held. All

the latest directives from Washington, as per Occupational Bulletin No. 33-6, even if freshmen under 18 enter engineering colleges, the Selective Service System will get them as soon as they are of draft age, because only those engineers now in college that can graduate under accelerated programs on or before July 1, 1945, are eligible for consideration of deferment."

Schommer pointed out that a new board is to be appointed in Washington to consider future deferments for engineers. But, he added, even though this board approves a deferment, that is not final.

Each case will still be passed upon by the individual draft boards, the IIT draft official said.

"The best method for argumentation on behalf of scientists and engineers is personal representation by their employers or the colleges they attend," says Schommer.

"At many colleges the fight to retain engineering students is not carried to the highest officials for deferment," he reported, and said that this attitude is wrong.

Rowbotham Named Sphinx President

Charles Rowbotham, feature editor of *Technology News*, was elected president of Sphinx at its annual banquet, Wednesday, April 21. Rowbotham succeeded Miss Patricia Arns at the post.

Miss Arns also acted as master-of-ceremonies at the banquet, held at Martin's Restaurant for the initiation of the seven new members.

Florence Bartusek, managing editor at Lewis Institute, was chosen to fill the secretarial chair, while Jerome Houle, business manager, was named treasurer.

Paul Ridings, faculty advisor of *Technology News*, was made an honorary member of Sphinx.

Other honorary and faculty members include M. W. Fodor, J. B. Finnegan, and Walter P. Hendricks, faculty advisor.

Flash and Beaker Organizes As Neighbor Made Bombastic

By electing six officers at their second meeting, fourteen chemists and chemical engineers made the Flash and Beaker Club a reality at Illinois Tech last Friday, April 30.

The newly elected officers are: Brother Bombastic, James Neighbor; vice president, Ted Pilat; treasurer, Raymond Batina; recording secretary, Gordon Fleischer, and Thomas McAvoy, master of ceremonies.

The Flash and Beaker is a newly formed organization at IIT whose purpose is to foster a closer relationship among students of chemistry and chemical engineering. The club will meet the first Friday of every month and will endeavor to present speakers on subjects in which the students are directly interested. Another interesting feature of the club will be the establishment of classes or tutors to help

out any of the members who may be having difficulties with their studies.

At their last meeting the club also ratified its constitution, levied dues, and decided upon its emblem.

Tau Beta Initiates Pledges at Banquet

William M. Kinney, vice-president and general manager of the Portland Cement Association was among the ten new men initiated by Tau Beta Pi on April 21, at the Swedish Club of Chicago.

Mr. Kinney graduated from Lewis Institute in 1906 as a Mechanical Engineer, and since that time has held a number of interesting positions which have given him a wide range of interest in the engineering profession.

Dean J. C. Peebles and President H. T. Heald addressed the group, after the banquet, giving many pointers to the graduating men who are leaving school in these times.

The undergraduates initiated were John Briggs, Milton Platzner, and Mamoru Masaki—senior mechanicals; Allen Devinatz, Charles Rowbotham, and Raymond Smith—junior mechanicals; Alvin Coyle and Joseph Hind—junior electricals; and Donald McMillan—junior chemical.

Masaki was initiated for the Tau Beta Pi chapter at California Institute of Technology. He was an outstanding student at California Tech, and was pledged to their local chapter. He transferred to Illinois Tech when the Japanese were evacuated from the Pacific coast region, and could not be present at their initiation ceremony.

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Seven Speeches Made by Ten Members Of the IIT Staff; Four More Scheduled

Seven speeches were made by members of the Illinois Institute of Technology staff last week and four more will be made this week.

On Friday, April 30, John I. Yellott followed in President Heald's footsteps for the second time this year when he gave the commencement address at the Pullman Free School of Manual Training. The other time was when he was chosen as the most outstanding young man in Chicago.

Yellott also spoke Monday, April 26, at the annual spring convention of ASME in Davenport, Iowa.

Both President Henry T. Heald and Harold Vagtberg, director of the Armour Research Foundation, spoke last week and will speak again this week. Heald and Vagtberg spoke to the Illinois Committee of Chicago Association of Commerce Thursday, April 29, when it was touring Illinois Tech.

Vagtberg spoke today to the Society of Automotive Engineers in Peoria, Ill. Heald's other speech will be before the Michigan Section of the SPEE in East Lansing, Mich., on Saturday, May 8.

A paper on Raman Spectra was presented before the American