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Green Cap Ball Friday Features Pierson Thal At Knickerbocker

Hotel Is Noted For Its Glass Ballroom

Friday night is the night. It's the eve of this year's outstanding social event, the Freshman Green Cap dance, which is to be held at the beautiful Knickerbocker Hotel. Pierson Thal and his orchestra will be on hand to furnish the music.

The social committee, consisting of John Peterson, William Gow, Robert Geutzw, William Kelley, Bill Hawrysh, Tom Meinhold and William Brazelton have promised a good time to all those who attend. The clever original bids in the shape of a green hat, which were designed by John Peterson, may be obtained from any member of the social committee or in the book store, the bad news being \$1.50. The limited number being sold will insure a comfortable, exclusive and enjoyable evening.

Pierson Thal to Play

Pierson Thal and his orchestra, featuring beautiful Ginny Stone will furnish the rhythmic background. The sponsors of the affair feel very fortunate in obtaining this orchestra, which is sky-rocketing to success. This versatile organization, playing in the imitatable styles of Glen Miller, Ted Weems and Kay Kyser, as-

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Dr. Copeland Speaks Before A.P.S. Meeting

Drs. Cleveland and Copeland of the Physics Department will each present a paper at a meeting of the American Physical Society in Washington D.C. between the dates of April 25-27. Dr. Cleveland's topic will be "Raman Spectra of Aqueous Solutions of Sucrose." Dr. Copeland is presenting the results of a thesis project on "Vacuum Tubes," in which he collaborated with J. M. Kubert.

Sucrose Investigated

According to Dr. Cleveland, "Chemical evidence indicates that the sucrose molecule consists of a pyranose ring and a furanose ring, linked together by an oxygen atom. A heavy line at 853 cm. in the highly polarized Raman spectrum of an aqueous solution of sucrose (cane sugar), and also five other lines, confirms the existence of the six-member pyranose ring. Other lines confirm the existence of the five-member furanose ring."

Dr. Copeland's paper concerns the behavior of vacuum tubes where the characteristic is dominated by secondary emission of electrons from the plate. Work in this particular field was begun several years ago at M.I.T. Copeland and Kubert wanted to check some very peculiar results obtained by Hollywood of M.I.T.; however, in studying vacuum curves in low frequency regions, very regular results were obtained which seem to contradict Hollywood's results.

Armour Host To 17 Schools

On Friday and Saturday, May 3 and 4, the Armour Student Chapter of the American Society of Civil Engineers will sponsor the Third Midwest Conference of the Student Chapters. Professor Penn has contacted 17 schools in the vicinity of Chicago requesting them to send delegations of their civil engineering students to Chicago.

New Members

On Friday noon, there will be a luncheon at the Chicago Engineers Club. Awards of Junior membership will be presented to selected students of Lewis, Rose, Northwestern, Illinois, Purdue and Armour. In the afternoon there will be an inspection trip. Professor Penn has arranged for the group to see the subway tunnels under construction.

Mashinter Snares Top Award During A.S.M.E. Conclave

The Armour branch of the American Society of Mechanical Engineers was host to the eighth annual Midwest Group V Student Conference, held at the Stevens Hotel on April 15th and 16th. At this meeting Armour men were well represented in all the phases of the work. William Mashinter, student representative to the convention won first prize in the technological papers presented with a speech on gas consumption. With movies and slides he illustrated his story of the tests which were conducted and the apparatus used to measure gas consumption. The prize consisted of thirty-five dollars, a ribbon, and a pocket tape. This paper had previously been presented at the general assembly on Friday, April 12, in the Student Union.

Many Prizes

Other Armour men took prizes at the meeting. R. S. Censewicz won third prize in the Class A, Engineering Photographs, R. Zelin, G. Raymond, and P. F. Leopold received honorable mention in this class and H. M. Hammond in General Subjects.

The other winners were: R. W. Witcher of Notre Dame, 1st award in Class A Engineering Subjects, Honorable Mention for Class B General Subjects, and the special prize for over-all technique of a Keuffel and Esser slide rule; H. Gok of Lewis Institute, 2nd prize in Class A; R. O. Major of Lewis, 1st award in Class B.

In the salon in which the photos are exhibited was John Cadlin's machine for drawing harmonic curves.

Rush, Dance to Climax Junior Week Program

"Extra! Extra! Freshmen Win Class Rush." Such is the claim of the class of '43 about the coming class rush. This has been the Freshman cry as far back as memory can serve. It has yet to become a reality, however.

Plans Complete

Climaxing a week of gayety and fun, Junior Week, May 7 to 10, will end in a spurge of scrapping Friday afternoon and dancing Friday evening. Plans for the year's "fun and relaxation week" are almost complete, and most of the plans for execution of the program are well under way.

Both freshman and sophomore classes are organizing for the annihilation of each other.

The program for both fraternity and non-fraternity events is almost complete.

Open House Two Days

The program for the week's events will commence with Open House Tuesday night and Wednesday afternoon and evening.

Following the Open House exhibits Wednesday night, there will be dancing in the Union auditorium.

Tentative plans have been made for a more formal inauguration of the week's events with a sports show including a speaker and movies.

Pentathlon Planned

Among the more important events scheduled is the Pentathlon, which will include distance running, dashes, and various field events: there are no restrictions as to entrants; events for both letterman and non-lettermen will be held and prizes awarded for each division. Interclass softball preliminaries are scheduled for Thursday morning. These games and the finals will be played with a 14" ball, fast pitching.

For all the crack-shot "mibs" players, the marble tournament will be held Thursday morning with three (Continued on page four)

NOTHING CHEAP ABOUT SLUG!



Vagtborg Goes To Washington For Research

Mr. Harold Vagtborg, Director of the Research Foundation of Armour Institute of Technology, was called to Washington last Wednesday to meet with the National Aeronautics Council and General Henry H. Arnold, Chief of the Army Air Corps to discuss a number of aviation research problems.

During the course of his trip, Mr. Vagtborg is spending some time in New York and Philadelphia, meeting with several Research Foundation sponsors who have projects in progress at the Research Foundation.

Research Sponsor

Col. S. P. Wetherill of the Wetherill Engineering Company and Mr. Vagtborg will return to Chicago some time this week to inspect the latest developments at the new Research Foundation foundry. Col. Wetherill is president of the Wetherill Engineering Company which sponsors the extensive grey iron die casting project now under way at the Foundation.

The cap and gown committee of the senior class has announced the date for cap and gown measurements as Monday, May 13th, from 9 a.m. to 3 p.m. in the Electrical Laboratory, second floor, main building. All seniors are urged to be present for fitting within the provided time. Those whose previous engagements necessitate their absence are asked to leave their names in the registrar's office.

Hayakawa, Chase, Mencken Exposed As Coverup Men In Ipstray Eastay Dilemma

Amazing and indeed perplexing, but none the less revealing are the questions which pop up in the sober study of the romance languages and semantics, as Dr. S. I. Hayakawa will undoubtedly testify. And if at times the intellectual trials are unbearable the strain on the optic nerves is exceedingly terrific, particularly so it seems last week in the case of one Miss Georgia Sothorn, artiste par excellence.

In cooperating with two other scholars of national renown, Stuart Chase and H. L. Mencken, Armour's semanticist not only met the challenge of research and nobly responded to the call of a dancer in distress, but broadened the scope of terpsichorean art.

It seems that Georgia, expert in the art of "southern exposure," was prohibited the advertisement of her revelations by a New York statute. Must such things exist? "Why," she said, "a person could walk right by any theatre in New York and not have any idea of what form of art I was presenting." Distressing indeed. But a true artist is resourceful, and so to the scholars and masters of interpretation she turned.

From the representative of Armour Institute Miss Sothorn got a truly scholarly response—facts and more facts both as to the art and the self conception of its practitioners. Mr. Mencken, however, was apparently possessed of first hand knowledge, for he immediately associated the art with the zoological wonder of molting. And so "ecdysiast," the scientific name for shedding was suggested and adopted.

This is an admirable instance of the practical application of pure abstract research to the problems of modern life. Dr. Hayakawa and Mr. Mencken are pioneering in a field as yet undeveloped but which offers great opportunity for specialization. Some day the English language may become a speech of great beauty, each word sounding like what it means, each adjective "juicy" with mellow qualities, and each "cuss word" thundering vituperative venom.

Later in the evening Dr. Reissner gave a reception for Dr. Hartog. Many prominent men were present, including President Heald of Armour and Dr. Franck of Chicago University.

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Armour Lewis Merger Approval By Court in Test Legality Case

Room Service To Be Presented By Star Cast May 4

With all the details taken care of the Armour Players eagerly await the raising of the curtain on their student produced "Room Service," Saturday, May 4th. All the plans are completed for Don Charlton's orchestra to be on hand at the final curtain to swing off with its danceable rhythm. The idea of presenting a complete theatre date is now a fixed policy with the players, due to the splendid reception incurred at every performance of the past years. The reports have it that this play will be the best presented yet. Rocco De Stefano, Al Sanowskis, Gene Kalnin, Phil Roarke, James Duncan, and Clarence MacDonald, are all capable performers.

Schultz Directs

Another big feature is the debut of two new and very pretty young ladies, Rosemary Mulvihill from Chicago Teachers College, and Helen Ruoss, of Armour.

Charles Schultz, the student director, is confident that this production will be most enjoyable to its audience. He has done splendid work in molding the cast into tiptop shape. The advance ticket sales support his hope; however, it is still possible to secure some excellent seats. The tickets are selling for fifty cents apiece and they can be secured from any one connected with the Players.

S.A.M. Advised On Job Seeking By Mr. Wilson

At the meeting of the Society for the Advancement of Management last Friday morning, Mr. Thomas Wilson, Placement Director of the Engineering Society, spoke on "How an Engineer Should Apply for a Position."

Mr. Wilson claimed that from his long experience, he has noted that Engineers are poorly fitted for the jobs obtained. Due to the lack of stress on English and business management in engineering schools, most engineers are not versatile in these fields.

Withhold Information

However, in obtaining a job, a man's personal appearance, his ability to write well and his ability to talk fluently are most important. Many times engineers have failed to procure jobs due to their tendency to withhold favorable information about themselves during an interview, according to Mr. Wilson.

He cited several articles which are excellent in their advice to engineers. One of these articles suggests that the engineer first prepare a list of all possible employers in his line of endeavor. Then the student should inquire as to the best man in each company to apply to for a job.

Qualifications Stressed

Mr. Wilson pointed out that the Chief Engineer and not the Personnel Manager is the best person to receive applications. The applications should be in the form of a letter which is short and to the point. Besides the letter he should submit a qualification sheet, including information regarding the engineer's personal life, education, references, and experience.

In his letter the student should request a personal interview, as this is the place where jobs are really obtained. In this interview the engineer should be at ease and demonstrate his best qualities. He should show interest in the job he is applying for and ask pertinent questions concerning it.

As a final bit of advice, Mr. Wilson (Continued on page four)

Boards Of Trustees To Confer On Plans

The legal haze surrounding the deadlock in the proposed Armour-Lewis merger is rapidly clearing up. In a decision reached early last week, the courts, with certain reservations, approved the consolidation of the two schools.

Solution Imminent

In a thirteen page memorandum, Judge Jerome Dunn confirmed the legality of the merger with the stipulation that certain slight changes be made in the present plans. The judge's decision commented on the many aspects of the situation and made several recommendations. The trustees of the two schools will probably meet within a week to discuss and work out a solution to this new angle. When a solution fulfilling the conditions imposed by the courts has been met, the lawyers of both sides will draw up a decree to be presented to Judge Dunn for his signature.

Test Legality

The lawsuit of Lewis Institute versus Armour Institute of Technology was filed on November 11, 1939 and the final hearing was on February 20, 1940. This suit, brought about by Lewis Institute, was for the purpose of testing the legality of the merger and was definitely not motivated by an unwillingness on the part of either school. The importance of this action, despite the considerable delay it is causing in the merger plans, must be judged by the bearing it will have in the future.

Will Govern

The will of Allen C. Lewis is the charter of Lewis Institute. The Lewis estate, including Lewis Institute, is under the control of a board of trustees approved by the Circuit Court of Cook County. Any changes, therefore, in the status of Lewis Institute must conform to the conditions imposed by the will. In order, then, that there will be no future doubts, the school is seeking court approval of the proposed merger with Armour.

Distinguished Board

As an example, the will has the provision that the trustees of Lewis Institute shall be five in number and shall be residents of Cook County. Armour could not possibly adopt this rule since it is through our large well-known and distinguished board that we receive much active support—both financial and moral. After carefully reading Judge Dunn's (Continued on page four)

Pi Nu Epsilon Pledges Carry Treble Clefs

At the meeting of the orchestra on Tuesday, April 9, the honorary musical fraternity at Armour, Pi Nu Epsilon, conducted the formal pledging of candidates for the current semester. Seven men, selected on the basis of general fitness, aptitude and activity in the musical clubs, and a written examination, were presented with their pledge ribbons in the red and grey colors of the fraternity and informed of their first pledge duties. Four glee club men: R. J. Mead, R. A. Peterson, C. J. Russnak, and R. J. Wagner; and three orchestra men: John Kirkland, Gus C. Mustakas, and Lee Niemi, comprised the list of pledges. As their first pledge duty, the pledges were required to construct a four foot model of the treble clef sign and to carry said model to and from all classes and other activities at the Institute. These models made their appearance on last Thursday and have displayed quite a variety of ingenious constructions. According to inside information, the pledges' worries are not yet over, for several further duties have been assigned for this week, among them the wearing of a large, black bow tie.