



Dance Club Holds Social in Union; 80 Couples Attend First Affair

Don Charlton's Music Enjoyed by All

Last Friday evening the Dance Club inaugurated what promises to become a new and greater social cycle at Armour Tech. Members of the club and their guests spent an enjoyable evening dancing to the music of Don Charlton and his orchestra in the auditorium of the Student Union. Dean C. A. Tibbals, Mrs. A. C. Orcutt, faculty sponsor, and "Sonny" Weissman were the guests of the club for the evening. Dancing started at nine o'clock and continued until twelve. Both the lounge and the lunchroom were kept open for the use of those attending the dance.

A spirit of gaiety and good fellowship was very much in evidence. Informality was the rule for the evening. While a large number of the members escorted their own dates, others came without companions. They were furnished dancing partners by the date committee.

All told there were about eighty couples present. Coeds from Chicago Teachers College were very welcome and reduced the stag line to a minimum. "Sonny" Weissman and "Tony" Montesano aided the date committee by escorting a substantial number of young ladies to the dance. During the intermission the lunchroom attracted a large number of the dancers, while others re-

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Juicers Plan Smoker; Hear Goldsmith Friday

Armour juicers will be favored with a discussion by Mr. R. Goldsmith on "Direct Current Transmission," this coming Friday at 10:30, at the meeting of the Armour chapter of the American Institute of Electrical Engineers. Mr. Goldsmith, a graduate student in electrical engineering, spoke a year ago on the same subject and it proved to be so successful that the program committee felt justified in arranging for a repetition of the talk.

Plans for the annual smoker, to be held in the Student Union this year, are completed and due to the additional facilities provided by the Union, the committee is planning for the finest smoker ever held by the society. Last year's graduates will be invited to the smoker, together with the members of the faculty and student body.

In preparation for the electrical exhibits at the coming Open House, the society will rearrange the apparatus of the second floor laboratory, and a general cleaning will take place to improve the appearance of laboratory. New show cards will be made to mark the various exhibits.

Board of Control Will Buy \$200 Radio for Student Union Lounge

Last Wednesday night the Board of Control of the Student Union met to discuss the problems which have arisen recently. One of the things discussed was damage done to the furniture by a student. Decision was that the student is to pay for the repairs. The possibility of future damage was considered but it was decided that the furniture was relatively safe, for student opinion frowns on abuse of the furnishings.

It has long been the desire of the student body to have a radio in the lounge. The board of control acting in favor of student sentiment has decided to furnish the Union with a radio. Many types of radios were discussed and it was finally decided to get a combination radio and phonograph. The cost of this machine will probably be about \$200 and is expected to pay for itself since it is to be used for dances in the Union.

Math Models of Catalin Shown at Math Club Meet

Cylinders, parallelepipeds, hypocycloids, ellipses, and paraboloids of revolution . . . all these and more were the forms taken by place card holders—the only ones of their kind in the world—which are owned by Dr. Ford and were exhibited at the meeting of the Mathematical Models Club last Friday night. Moreover, the models are made of a plastic, Catalin, and were machined by the student Catalin!

Organized by Professor W. A. Spencer, the Mathematical Models Club met for the first time on January 6. This was their second meeting, and the members and visitors were entertained by a lecture on the plastic Catalin, by Mr. H. E. Froberg of the Catalin Corporation of New Jersey.

Mr. Froberg spoke mainly on the different methods by which the plastic could be made to take on any shape desired. He said it was made with phenol, formaldehyde, and a catalyst. The substance assumes a liquid state at this stage, when it is poured in lead molds that have been made from steel "masters." It is then put into a "vulcanizer" and left to set at 80 degrees C. for four to seven days. It can be made in a great variety of hardness, but it is usually prepared so its test will be about Rockwell B-35.

Cements are also made by the company, one of which sets after an accelerator, furnished with it, is added to it. The other is made to set after commercial hydrochloric acid is added to it—the kind of acid which can be bought at any drug store. Both of these, upon setting, become identical with the plastic, Catalin, itself. Another substance put out by the company is Catabond, used in the making of plywoods which, due to treatment by this substance, become weather-proof, and are 25 percent stronger than plywood made by regular methods.

Other speakers of the evening were Prof. Gorsline of the Institute, Dr. Tibbals, Dr. Ford, and Mr. Vagt-borg, and Dr. Fisk, who later conducted a tour through the Research Foundation, including the X-ray, sound, and furnace laboratories. Dr. Fisk also conducted a demonstration in which he showed how examinations to be used in metallurgical examinations are "briquetted" in bakelite.

Two Soph Chemicals Awarded Handbooks

Henry Wessel and Samuel Falk were each presented with a copy of the "Handbook of Chemistry and Physics" last Wednesday at the organic chemistry lecture. These men tied for the annual Alpha Chi Sigma award which is made on a basis of the organic laboratory technique exhibited by the sophomore chemical students. The books were presented by Walter Kahl, who represented the fraternity.

The organic laboratory award is an annual presentation awarded each year on the recommendation made by the organic laboratory instructors. Drs. B. B. Freud, and W. E. Wasley and Mr. Richard Wagner collaborated in the selection of the winners. Contrary to results in the past, there were two men tied for the award rather than a single winner this year.

Alpha Chi Sigma is a professional chemical engineering fraternity devoted to the advancement of the profession.

The initial chapter of Alpha Chi Sigma was organized at the University of Wisconsin in 1902 and has grown until at the present time the chapter roster includes fifty student and seventeen graduate chapters located throughout the country.

A JOB WELL DONE

Unknown to the major portion of the student body, there has been a one-man war going on, right here at Armour. The war is the war against unemployment and the man who is waging it is John J. Schommer, the placement director.

Armour never had a real placement bureau until Mr. Schommer took over the job. This important office was filled on a part time basis by men who had other duties to perform around school. While the present director also, has teaching and athletic duties to fill, he has made the placement office his main job. The success with which he has filled the office speaks, in fact shouts, of his ability. When he took the job there were one hundred fifteen men without employment. Now there are only two! That is a record of which any man can be justly proud.

Placement directors must have certain qualifications to do the job justice. They should have many connections with important men in industry; they must have a pleasing personality since they lay the groundwork for any further relations with new companies; they must be genuinely interested in every student who is looking for a position; they must be willing to give, and give freely, of their own time. Mr. Schommer has all of these qualifications and more.

Through his plentiful connections with industrial leaders, made over a colorful lifetime, he has managed to interest a number of new companies in Armour graduates. With his pleasing personality and friendly manner he has interested other men, whom he has met through his many outside activities, in our school, laying the basis for amicable relations in years to come.

No one whom the placement bureau has aided will deny that Professor Schommer has given them careful, personal consideration. He has arranged conferences, seen that a private room was provided for interviews, and given largely of his own time to see that our graduates secured positions.

Every student owes a vote of thanks to this man for his conscientious efforts in their behalf.

Last Day to Buy Senior Rings, Keys

Variety of Finishes Put on Display

Climaxing several weeks of preparation, the committee on senior jewelry will accept orders for senior rings and keys for the last time, today, from 8:30 a.m. to 5:30 p.m. in the lobby of the main building. All those who did not place their orders on Friday or Monday and still desire to, may now do so.

Reported to be among the most striking rings in recent years, they are offered in a variety of finishes—onyx, sardonyx, ruby, spinelle, garnet, tourmaline sapphire and amethyst. The dies have been made two to three times deeper than usual, resulting in an unusual contrasting effect. The metal is ten karat gold, solidly constructed. Senior keys, also of ten karat gold, are finished in spinelle, ruby, onyx, or sardonyx.

Rings may be purchased at prices ranging from \$5.00 to \$13.75, while keys range in cost from \$4.00 to \$6.25, taxes included in both cases. Students are asked to pay half of the price of the jewelry they select as a deposit. Delivery will take place thirty days after order has been received, before this the full amount must be paid. Details as to individual types of jewelry, and their prices, may be obtained from the bulletin board in the main lobby or from committee members.

Assisting Abe Zarem, head of the senior jewelry committee are Ralph Tullgren, Steve Finnegan, Dan Jacobsen, John Ratto, and Bernard Oswald. These men were selected by the senior commission at the beginning of the semester, according to their qualifications and student records.

Auto Lab Obtains New High Velocity Blower

A tremendous hum of activity has been issuing of late from the automotive laboratory. The laboratory has just received a New York Blower, which is capable of creating high velocity air to be used by the senior mechanicals in some of their experiments. The blower will be connected to a heavy Dodge automobile engine, and will soon be ready for its preliminary trials.

An R.C.A. Cathode Ray Indicator is being used extensively for some special tests by selected senior mechanicals and graduate students.

Frosh Co-ops Elect New Class Officers

According to previous plans, the election of Freshman cooperative class officers was conducted on Tuesday, Feb. 28, in Room 305, Main. In contrast to the precedents created by former elections, a new procedure and method of selection of the four officers was introduced. As a means of restricting candidates to those considered most eligible, only the top ten men in the math classes were allowed to run for office.

In the actual casting of votes, a system of weighting the votes for the various offices was used. The students were asked to choose the four men whom they thought should occupy the offices of president, vice-president, secretary, and treasurer. A vote for president gave the candidate 4 points, a vote for vice-president 3 points, etc. As a result of this system, the man receiving the highest number of votes is the president, Harold Sogin was elected president and Jim Woodbury, vice-president. The office of secretary was won by Jim Barnaber, while Glenn Wittenkindt was elected treasurer.

K. M. Watson To Speak To Members of A.I.Ch.E

As guest speaker of the American Institute of Chemical Engineers this coming Friday morning at 10:30, the junior program committee will present Kenneth M. Watson, of the Universal Oil Products Co., who is known throughout the Middle West for his work in chemical engineering. All chemical students should hear him speak for he is one of the foremost chemical engineers in the United States and what he has to say will be of interest to all who will enter the field of chemical engineering.

Mr. Watson at present is associated with the Universal Oil Products Co. in the capacity of Chemical Engineer in charge of Engineering Research, and formerly was a member of the University of Wisconsin faculty and a research engineer with General Electric. His text, "Industrial Chemical Calculations," in which he is co-author with O. A. Hougen, is familiar to all upperclassmen in chemical engineering.

This meeting will, in all probability, be one of the highlights of the chapter activity this semester and a real turnout is expected.

Junior Formal To Be Held This Friday Eve at Congress Casino



Griff Williams

Discuss Sound On Program of Faculty Club

On Sunday afternoon, March 5, the Faculty Club of Armour Institute of Technology presented its ninth broadcast of the present series of educational programs over radio station WCFL. The participants in the informal fifteen minute discussion on sound were Mr. Potter of the department of physics, Mr. Leedy of the Research Foundation, Mr. Christopher-sen of the English department, and Mr. Schreiber of the public relations department.

Sound forms a large and necessary part of our sensitive life, and is of great interest to everyone, whether that person is an engineer, doctor, laborer, or housewife. It is a subject which is accepted without question because it is so common in our every day living. Millions of people take it for granted, and although many people wonder about this phenomena, only a few know its explanation.

Sound is a disturbance in an elastic medium, of such nature that when it falls upon the ear it is capable of exciting the auditory nerve. The number of vibrations which this elastic medium makes in a second determines the frequency of the emitted sound. The greater the frequency, the higher the pitch.

One of the highlights of the broadcast was an explanation of the difference between noise and music. Music consists of a definite arrangement.

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Fulghum Forms Debating Team

Orators! Debaters! Attention all ye who thirst after the fount of eloquence. Oil ye up your tonsils and prepare ye to indulge in this, the sport of kings and prophets. Comes now a group of perspiring students, by name—the Armour debating society, to meet at Prof. Fulghum's office, 311 Physics, on the day of Wednesday, March 8th, at 12:20 p.m. Take note, then, that welcome are all ye who so desire to enlist.

Seriously speaking, the new debating organizations, separate and apart from the newly formed public speaking classes, has been created as an answer to numerous and heretofore unanswered challenges of other schools to meet their teams in open debate.

As the result of a good turnout at the last meeting, four debating teams have been formed and a topic chosen for argumentation. The present topic is, "Resolved: That the percentage of non-technical courses in engineering curriculum should be increased."

Griff Williams Will Be Featured Attraction

As a climax to weeks of intensive work and preparation by the junior social committee, the Junior Formal next Friday night at the Congress Casino promises to be the year's outstanding social event. Everything has been selected very carefully, notably a beautiful dining room, a fine orchestra and the excellent cuisine of the Congress Casino.

The social committee wishes to stress the fact that the number on the flap of the envelope of the bid is the dinner ticket. This number is to be detached and presented to the waiter as payment for the dinner. Dancers will not be required to surrender their bids, but will be allowed to keep them with their striking gold and black colors as a remembrance of a delightful evening. Serving will start at 10 p.m. and the last order will be taken at 11:15 p.m., but later courses will be served until 1 a.m. The committee wishes to announce that all bids must be paid for by tomorrow. Those desiring fish courses are requested to see one of the members of the committee as soon as possible.

Griff Williams, whose orchestra will play for the dance, is a favorite with Chicago dancers. He has appeared at the Trianon and Aragon for a number of seasons.

Griff's rise to the top of the ladder of success is a series of "breaks" one after the other. The first was a very expensive car that was smashed by Griff in a collision. The car belonged to a Stanford university pal of Griff's who had planned to sell it to finance a summer trip to Europe.

Griff was plenty shattered by this misfortune, and instead of pursuing his medical studies at summer school, he joined an orchestra in the Sierras in the hope that he could earn enough money to pay his pal back for the car.

But then the stock market broke, and the depression set in. Business in the roadhouse, quickly vanished and Griff's student orchestra dissolved.

About this time, Anson Weeks, then at a San Francisco hotel, wanted to take a week's vacation, and asked Griff to take his place at the piano. Griff jumped at the chance. The day Anson returned from his vacation, he slipped on a cake of soap, broke his wrist . . . and thus Griff crashed the permanent portals of the orchestral world.

Extra English Courses Given

During the past few semesters, the English Department has been offering an increasing number of new subjects.

Optional for the most part, these courses offer to the students additional cultural training. They are taken as electives to augment the training acquired in the freshman and sophomore English courses.

Originally the freshman English course, a training in fundamental grammar, was given for students who had proved themselves deficient in grammatical training. Now it has been made a definite requirement, and is taken by all entering students. This course equips the student to write correct, intelligent reports, and is a definite asset to his later laboratory reports.

Other courses now offered to the student body are: dramatics, a fundamental training in stage work and background of the theater; advanced writing, a course in which the student works on school publications; public speaking, instruction to those who wish to know the art of lecturing; and planned utopias, a study of the famous utopias.

All these courses are on the accredited list, and have been received by the student body with such enthusiasm that the English department plans to offer additional subjects in the near future.