

Vector Review

Vector published its fourth issue of the year on Friday, May 12. It was very good.

The lead story was "Ballistic Missile Defense and the Nike Zeus" by Ed Rosenthal. In this story Ed develops the background of the Nike-Zeus anti-missile missile. After explaining the problems in time (200 seconds between target identity and kill), he went on to explain various problems that the Nike-Zeus would come against. The identification of decoys and the warhead are the main problem, but he also says that the design of a missile which is to be maneuvered and protected from heat is also of primary importance. The analysis of the Zeus radar complex was technically excellent. The step by step analysis of the radar complex made available to clear discussion of the detection apparatus. The sidelight that there are soldered connections in the high-speed digital computer would be of interest to the T.W.O's.

The use of plastics such as Resin in the Nike-Zeus was something new and also interesting. The requirement of absolute perfection in the surface was also discussed.

The method of testing the Zeus systems was interesting in that the systems will be tested electronically using the radar waves of incoming warheads of missiles fired down the Atlantic Missile Range.

At the "Traveling Wave Oscilloscope" by Arthur Glazer was also well written. Explaining a difficult theory is sometimes very hard to do but Mr. Glazer explains the analogous problem

of the traveling wave on a transmission line simply and accurately. The problem of working at high frequencies is an old problem and only with the methods of the T.W.O. can very high frequency phenomena be seen. This is important in the testing of high speed digital computers and also in observing one shot high speed nuclear phenomena.

We were delighted to see the return of Ira Skurnick's series on "Stepping Stones to the Stars." This well written article concluded the series which started with the first Goddard experiments. The Rocket Score Sheet was a good reference when reading the article. The description of the American and Russian rockets and their uses were a bit vague on the new missiles but the old standby, the Redstone, was well discussed.

Barry Okin's article on the "Thorium Breeder Reactor" brought out the problem of breeding nuclear fuels for use in atomic reactors. There is not a large supply of fissionable U-235 around and so there must be a replacement found for the future if reactors are ever to become competitive with the steam plants for power generation. As Mr. Okin pointed out, freeing gives 1.23 pounds of U-233 for every pound used up in the core.

It is hard to write a story about a topic such as nuclear breeding without snowing some of the readers but Mr. Okin has written an easily palatable article which can be a stepping stone to further reading by Vector Readers.

As a conclusion Vector this year was very very good.

New Lounge Planned For Shepard In '62

By MELL PELL

Although their realization is still a long way off, plans are now being made for the construction of another lounge on North Campus. According to Professor d'Andrea, director of the Planning and Design Dept., the proposed student area is "included in our plan" for the reportionment of space in Shepard Hall. The lounge will be located in the room presently occupied by ROTC storeroom No. 1. It is situated in the basement of Shepard Hall adjacent to the cafeteria and directly below the registrar's office.

The new lounge will have a floor area of 2,500 square feet. The spacious, sunlit room is enclosed by a wall of large windows and looks onto Shepard's lawn. Its completion will slightly more than double the existing North Campus lounge facilities.

At present, Knittle lounge, which is grossly inadequate, is the only student lounge at this end of the campus.

The space will become available through a series of maneuvers ending with the transfer of the ROTC storeroom to room 010 Harris which is presently occupied by the ME metal process lab. The ME lab will be moved, together with the rest of the ME department, to the new tech building. The lab is expected to be moved next spring.

There have been some misconceptions as to the number of the tech writing course to be given in the Fall. The course is English eleven not two. This course will be given at 10 A.M. on Mondays and Wednesdays.

Eta Kappa Nu Award Goes To Prof. Froelich

By ALBERT WAXMAN



HKN President Ron Schilling, Prof. Froelich and Mr. William Levidow

On Saturday, May 6th, Eta Kappa Nu held its Semi-Annual Induction Dinner at the Headquarters Restaurant. The dinner this term was marked by the outstanding faculty attendance and the return of many prodigal alumni. Of course there was the traditional pledge show which had its hilarious moments.

The highlight of the evening though, was the presentation of the first Eta Kappa Nu Faculty Award to Professor Cecile Froelich. The award was presented to Professor Froelich for her outstanding service and devotion to the City College and its students.

The award was presented by Mr. William Levidow, President of the New York Alumni Chapter of Eta Kappa Nu and also a graduate of CCNY. Mr. Levidow pointed out in a short presentation speech that Professor Froelich was the first woman to chair an Electrical Engineering Department in America. Professor Froelich was chairman two years ago.

Professor Froelich made a very touching speech of acceptance which was warmly received by the large audience.

The dinner followed the induction ceremony in which 17 new members were inducted.

Those undergraduates who were inducted into Eta Kappa Nu were, Stanley Altman, Jerry Avins, Arthur Gleeson, Howard Greenberg, Phil Heyman, Stephen Honickman, Irving Kalet, Jack Lubowsky, Michael Morgans, Ronald Moskowitz, Jerry Mouldovan, Demetrios Papadopoulos, George Papadopoulos, Robert Profeta, Alexandre Rossolimo, Yifal Shaham, and William Zimmerman.

Those Professional and Faculty members inducted were, Arthur Davis, Benjamin Rabinovici, and Harry Schachter.

ASME To Hold General Meeting

The Summer Annual Meeting of The American Society of Mechanical Engineers, one of two general national meetings sponsored each year by the Society, will be held June 11-14 at the Statler Hilton Hotel, Los Angeles.

Over 100 technical papers are scheduled for presentation under thirteen major headings, including solar energy, safety management, automatic control

and nuclear energy.

In addition to technical sessions, members of the 50,000-member society will be invited to take part in a series of administrative and business meetings, which begin on June 10.

Attendance at the meeting, which is open to all interested engineers is expected to exceed 2,000.

On Monday, June 12, ASME President William H. Byrne will address a luncheon meeting.

On Tuesday, two leading educators are scheduled to speak. At noon, Darrell Holmes, executive dean of San Diego State College, will speak on "Fitting Round Pegs into Square Holes." The banquet address the same night will be delivered by Frederick C. Lindvall, department chairman at California Institute of Technology.

Plant inspection trips are scheduled to the headquarters of Beckman Instruments, Inc., at Fullerton and to the Pico River Plant of The Ford Motor Company.

Chem E Honor Society Formed

By MARTY MILLMAN

Chem. E's, raise your averages! A new honor society has been formed by chemical engineering students on May 11, 1961. The name of the new society is Alpha Chi Sigma.

The eligibility requirements adopted by the founders are as follows:

- a) the student must be in the top fourth of his engineering class;
- b) he must have a minimum of 8 credits of chemical engineering courses completed;
- c) he must have an index of 0.70 in chemical engineering courses taken.

The organization reviewed the constitution of Omega Chi Epsilon, a national chemical engineering honor society, with which it will eventually be affiliated.

Professor Morris Kolodney of the chemical engineering department was chosen as faculty advisor. The founding officers are: Aaron Friedman, President; Stanley Sandler, Vice President; Richard Felder, Treasurer; Gabriel Epstein, Recording Secretary; and Martin Millman, Corresponding Secretary.

Physics Dept. Receives Grant

City College's physics department has received a grant of \$21,000 from the Atomic Energy Commission to be used for acquiring radioactive sources and nuclear particle detection equipment, it was announced today by Professor Henry Semat, chairman of the department.

The material will enable the college to equip a laboratory course in which the principles and techniques of experimental nuclear physics will be taught. Students will learn to operate the instruments used for the detection and measurement of the properties of nuclear radiation.

TIIC Elections

Last Thursday, TIIC held its semi-annual elections. These were contestants for all of the posts and there were also quite a large number of people there. Those elected to office for the Spring term are: President, Ronald Maroney of A.S.C.E.; Vice-President, Judith Goldberg of SWE; Treasurer, Jay Adam of Epsilon Nu Gamma; Recording Secretary, Susan Alexion of SWE and Corresponding Secretary, Frank Ferrara of Tau Beta Pi.

Barnum's publicity were us and not a justice. Truly, Marc Triebwasser

Tests

C.D. drill is forgotten, at the college they feel compelled to tear it to pieces. I feel compelled to make some criticisms and suggestions about the City College and the School of Technology in particular in my so called "thirty" column. I hope that I succeed in phrasing them so that they sound constructive.

1. — Student Representation on Curriculum Committees.

Since the fall, 1959, semester there has been six student representatives on Faculty Committee of the College of Liberal Arts and Sciences. The students, while not permitted to vote on issues, are given every opportunity to present their proposals and opinions. Of the present there is no equivalent setup in the School of Technology. Each of the four engineering departments is virtually independent in the determination of its curriculum, thus the ideal situation would be some form of student representation on the department level. During the past semester I spoke to Dean Allan and the chairmen of the four departments. The reactions of the department chairmen to the suggestion were two positive, and two slightly negative. However, as of the present nothing concrete has been accomplished. I hope that the student leaders of the Tech school will not let this idea die but that they will push it harder than ever next semester. The ground has been broken for them.

2. — Honors Courses.

The commencement program of the class of 1960 lists the names of seventy students who completed nine credits in Honors with a grade A in thirteen different fields, but not one of these fields is engineering. This means that the gifted and exception student of engineering is ignored by the School of Technology. Some program for the outstanding students of engineering is long overdue. One of the reasons given for the absence of any such program is that the Bachelor of engineering degree has professional status and the accumulation of courses can endanger the accreditation of the degree as a professional degree. This seems to be a rather shallow and unrealistic excuse. I hope that the honor societies will band together and press for some form of an honors program in engineering.

3. — The Bachelor of Science Degree in Engineering.

The fact that one can get a B.S. in Engineering is almost kept secret. Anyone who comes to City to study engineering is told to become a candidate for the Bachelor of Engineering, a degree requiring 145 credits and having professional status. However, many students while waiting to study engineering desire a more liberal education than that offered by the engineering degree, but the idea of a B.S. is virtually kept a secret from them. These students can make a B.S. requiring only 128 credits which consists of courses divided into four groups:

1. A group of studies or "common core" prescribed for candidates for all degrees.
2. A group of studies forming a background for the particular degree or subdivision sought.
3. A specialized or concentration group, calculated to make the student competent in some field of endeavor (engineering).
4. Free electives to stimulate interest in diverse fields of intellectual endeavor, sufficient to enable the student to complete the total of 128 credits required for graduation.

This approach to the study of engineering should be given more publicity and may reduce the drop out rate of discontented engineering students.

* * *

Some departing observations:

I am jealous of the lower termers who will have the privilege of using Steinman Hall.

I wish the Mechanical Engineering department would forget about steam engines, everyone else seems to have.

It is possible to get good grades and participate in extra-curricular activities, though I have not succeeded in the former.

I wish engineers would participate in political and social action clubs and activities.

Good luck to Mr. Katz and Mr. Zeiberg, it was an honor and pleasure to sit in your classes. City College is suffering a great loss.

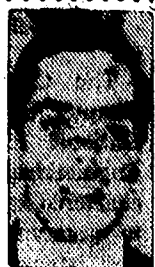
Good luck CUNY (City University of New York).

Thank you very much City College.

Shalom

TECH LIFE

By IRA REISS



HKN Has Active Term

This past term has been a busy one for the Beta Pi Chapter of HKN due in large part to its extremely active and imaginative president, R. B. Schilling. Services performed in previous terms have been continued and expanded; new activities have been added.

A large group of students taking EE 104 were shown shortcuts and methods of using the slide rule in nightly one-hour sessions for one week. The Tutoring Committee, headed by Sol. Gems, expanded activities by writing to students on probation, offering free tutoring in the basic EE courses. Help to those who answered is now being given.

Each of the fine group of seventeen pledges (recently inducted) gave eight hours of his time to the university in service to the EE Department, the Placement Office, etc., and also put on one of the best shows in years at the Induction Dinner.

Some thought was given to a new project in which Beta Pi is trying to help AIEE-IRE establish a workshop by and for the students to enable them to make repairs and do research.

Another new idea that shows promise is that of sending students from here to the high schools they graduated from where they will speak at an assembly about college life and engineering in particular. Tau Beta Pi has agreed to coordinate this, at least one representative from each branch of engineering will be sent.

It's not all work and no play at HKN, for this term it has gone bowling every other week, and even enticed some faculty participation. One purpose behind this is to try to reestablish the Slide Rule League — perhaps next term the other technical societies will be willing to give us some competition. Any takers?

The sports season was topped off by just eeking out a victory over the faculty in softball. Quite a few stiff and sore students were seen limping to class the next day.

Beta Pi participated in E-Day with a microwave exhibit, an electronic organ, and the power lab which John Silverstein ran practically by himself.

The list of accomplishments includes more than just the highlights above, but need not be dwelled on further. Without the whole-hearted support of its members, Beta Pi would be just another honor society, but with it, it has been able to give valuable service. We wish to extend a special vote of thanks to two graduating members who have been of inestimable help to the society. They are Warren Wolff and Luigi Santalesa.

Officers of Eta Kappa Nu for the Fall, 1961 term are:

President, John Benton, Vice President, Al Waxman; Pledge-master, Harry Heffes; Recording Secretary, Sol Gems; Corresponding Secretary, Herb Mintz; Treasurer, Ed Holmes; Bridge Correspondent, Mike Morganstern; TIIC Representatives, Irv Kalet and Jerry Mouldovan; Co-Catalogers, Stan Altman-Chief, Phil Heyman, George Papadopoulos and Bill Zimmerman.

Thirty

By PHILIP GREENBERG

Four years ago I sat down with a few hundred students and was told that I should look to the left, to the right, in front of me and in back of me. I was told that they wouldn't be here four years from then. They aren't. But something has bothered me. They were looking at me too when they looked around.

I will be graduated in August, I guess I'll work or continue to go to school. The jobs are not too plentiful this year. When we entered the rampage was on, and they needed engineers, there weren't enough then. But this year's business isn't too good and neither are the jobs. Consequently the jobs are harder to get. One of the main qualifications for a job now are X% of the class. The almighty mark again rides high. But it is now very important and has always been. Good marks will get you a good job with good pay, an acceptance to a good graduate school for full-time studies, and the eligibility to honor societies. Don't knock honor societies. They are not a group of intellectual snobs meeting together with some high ceremony being performed. They are just like you or me. Ordinary people who are in engineering because when it comes down to it they really like it, and have cared enough to get good marks. They find that besides looking good on their resumes an honor society can offer them new friendships which somehow will last through the years. It forms a basis of conversation wherever they go for most honor societies have chapters all through the country.

I remember when I was finishing my first term at the college. There were my engineering friends sitting in the North Campus cafeteria, sans Burns Guards, telling how hard Physics 7 and Math 7 were, and one of my friends said that engineering was too tough for him and that he was going to switch out the beginning of the next semester. We asked him what courses he was taking, and he answered, "Oh, English one and Social Studies one, Speech one, Chem one, Humanities and an Phys. Ed." Then we asked him what he wanted to change to and he replied, "Chemistry."

Yes, the good old days bring back fond memories; the house plan breaking up, pledging for a fraternity. Yes, how I remember those happy days of pledging. You could do practically anything and people would say, "don't arrest him officer, he's only pledging for a fraternity." Hell night was a bundle of laughs getting picked up by the police, stealing sand from the Astor, getting Licchi nuts in the middle of Times Square, they don't seem to be making Hell Nights that good anymore.

Then, of course, there always was schoolwork, but after the first two years, I guess that I sort of got into the swing of it and I haven't been having too much trouble. I sometimes feel that it is a shame that we students don't appreciate our teachers for what they are really worth. Of course there are some teachers who are losers, but they don't remain around here for long.

And time passes so quickly, here it is, time for graduation and it seems such a short time. Four years in some ways are a long time, especially when you are taking a final, but if you look at it from afar, it is such a short time.

Being editor of a paper is not too much fun, and you sometimes wonder if the people are reading what you print and not just looking at the ads. TECH NEWS is a funny newspaper. It comes out once every two weeks and is located on South Campus. This is a stroke of genius. If TECH NEWS is a Tech newspaper it should be on North Campus, especially with the new Tech Building going up. With the new building there will be a greater shift of classes to North Campus office where Tech Students (the blood of the paper) can come during their lunch periods to throw the bull, to learn and to write. TECH NEWS is way understaffed. It needs more people than Campus or O.P. needs. Sure Tech students have to take heavy programs with long hours for one credit. So if you have a lot of reporters who spend two hours a week listening to someone drop pearls of wisdom down the students minds on Thursday lecture at the AIEE it takes much less time for them and you never worry if there are enough reporters to go around to do all the stories that have to and should be done. You Tech students are really behind the eight ball when it comes to having things done for you at the College.

Well, I've made it, and I hope that all of you who are still reading make it also. Good luck, you're going to need it.

A few weeks ago we had a Civil Defense test. It seems the more you think about it the sillier it becomes. According to statistics, a 35 Megaton Hydrogen bomb would completely wipe an area of seven miles radius off the map. And anything within 20 miles outside of the total destruction circle wouldn't be in any too good a shape. Now just think what would happen if an enemy sent over 50 of these bombs. Think about it. It scares me a bit, too.

I would like to reminisce about putting out the paper and staying at the printer's until 6 a.m. in the morning. But I can't. Our printer closes about 12 a.m. Sorry.

There should be more courses in the engineering curriculum where it would be possible to do some independent research. Instead of following a "cookbook" the student can learn more from doing research than by doing the sometimes drab laboratory experiments. Since everything that is in the lab cookbook has been done thousands of times there really is no reason why it must be done. After all most students believe what they read in the textbook anyway and they really don't have to perform a laboratory test to verify the textbook.

Student Government would really be something if they really represented the students. I would like to see one member of Student Government go out on the campus, gather a group of students about him and ask what they think about certain measures under

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Beta Pi Election

May 9th, National Engineering Society held its elections:

Michael R. ... Louis W. ... James ... Secretary, James ... Corresponding Secretary, ... Treasurer, ... and Pledge ...

Chi Ep... Pi Tau...

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the applications with the society. Because election is based on the application's character, practicality, scholarship and responsibility, only those students whom the above traits are evident eventually gain admission into Chi Epsilon. At present there are 16 members.

The newly elected officers are: Günther Wilhelm, President; Robert Horlbeck, Vice-President; Vincent Ricca, Secretary; Herbert Erig and Martin who are the societies treasurers.

vention of Pi Tau Sigma. We consider it an honor to have been chosen host and much of this term was spent in preparing for the Convention.

The officers for the Fall, 1961 semester are: President, Sydney Goldlust; Vice-president, Alfred Zeisler; Corresponding Secretary, Michael Faye; Recording Secretary, Michael Mastrotaro; Convention Representative, Ira Grinberg; Faculty Advisor, Professor Antonio F. Baldo.

Film, Trip Top CE Term

The members of ASCE participated in a full and rewarding program during this past term. The program was divided into four parts: educational, social, service and inter-group cooperation.

Five guests were invited to speak at our meetings. Captain Prichard of the Civil Engineer Corps described the functions of the Civil Engineer Corps; Mr. B. Sinowitz of the Public Health Service spoke on the opportunities in the fields of public health engineering; Dr. H. Limberg of the Office of the Mayor spoke about management in public administration; Mr. W. Sorrentino of the Civil Engineering Department spoke on City Planning; and Mr. D. Savitsky, Chief of the Hydrodynamics Division of the David Laboratory at the Steven's Institute of Technology, lectured on Hydrofoil Boats.

Films were also shown about the making of Portland Cement, are welding, history of highway development, soil-cement, city planning, building construction and wood preservatives.

During the Easter Recess, a field trip was taken to the Port Authority Bus Terminal at 41st Street and Eighth Avenue where additional floors are under construction.

A smoker was held at the Delta Alpha House shortly after the term began which was highly successful. The "Piece de Resistance" of the term is always our semi-annual induction dance. This was held shortly before the Eastern Recess at the Grand Ballroom in Finley Center. It is usually attended by all of the members and the Faculty of the Civil Engineering Department. New members comprise approximately one-third of our membership each term and they are usually all officially inducted into the society at this time. The highlight of the evening was a skit presented by the old members.

A new-member, old-member softball game was held in May and new members won by a score of 9-4.

For E-Day, the members of ASCE helped plan and set up the exhibits for the Civil Engineering Department and also acted as demonstrators. At registration, ASCE handed out brochures and pamphlets about the society.

ASCE has been very active on TIIC this term and next term's president, Ronald Morony and Vice-president, Judy Goldberg, are both members of our society. We also held joint meetings with the Society of Women Engineers and the American Society of Mechanical Engineers.

This term ASCE was also very active within its national body. It acted as host to an Associate Member Forum in May and played an integral part in the activities of the Metropolitan Conference of Student Chapters. Lewis J. Sunderland, President—ASCE

Worms & Women

With its election meeting last week, the local chapter of A.I. Ch.E. concluded its most successful term in recent years. As has been customary each term, a number of guest lecturers spoke on various aspects of chemical engineering; their addresses covered such topics as computed programming, ion exchange, instrumentation, and the comparative advantages of careers in research, sales and service, process design and the like. In addition, A.I.Ch.E. set a precedent for itself by inviting a lecturer to speak on a topic unrelated to chemical engineering — the speaker was Dr. Paul of the biology department, who spoke on watches, worms, and women, among other things. The idea of presenting non-technical lectures was a product of the fertile imaginations of departing

president Richard Felder and corresponding secretary Stanley Sandler; it is their hope that the idea will be extended in future terms.

A highlight of the term occurred at the Metropolitan conference of student chapters, which was dominated by the local chapter. The student paper contest was won by Paul La-Rosa, who is graduating this June, and the ubiquitous Mr. Sandler served as toastmaster for the luncheon.

The climax of the term's activities came at the semi-annual smoker, which featured a skit by the chemical engineering instructors satirizing themselves, a grand opera devoted to chemical engineering, and the hit of the evening, a play about unit operations laboratory written in the style of Shakespeare. This was perhaps A.I.Ch.E.'s finest accomplishment of the term — bringing culture back to technology.

Officers for Fall, 1961 are: President, Irwin Feuerstein; Vice President, Bill Solitario; 2nd Vice President, Stanley Sandler; Treasurer, Alan Goldfarb; Secretary, Martin Millman and Corresponding Secretary, Richard Scharp.

EE.'s Plan Workshop

The City College chapter of the American Institute of Electrical Engineers and Institute of Radio Engineers is completing one of their most successful terms since the beginning of their existence. Under the sage advice of Prof. Wolf and Prof. Abramowitz and inspirational leadership of Ronald Moskowitz and Mark Tublisky, presidents of the organization, this group has increased its membership from 280 to over 400 in just one term. This is mainly due to the increased services offered this term by this group. Many interesting lectures offered in this organizations program are illustrative of their progressive and modernistic outlook on the field of engineering. Amongst the many fine lectures presented were: Radio Astronomy by Airborne Instrument Laboratories; Sales Engineering by Mr. Katz of the E.E. Dept.; An Engineering Approach to High Fidelity by Acoustic Research, and others, many others.

Next term, under their newly elected officers they are looking forward to an even more successful term. In the fall they expect to open an electrical workshop. The purpose of this workshop would be to encourage interest in electronics and to give all students the opportunity to assemble, repair, or "tinker" with radios or any household appliance they might wish to fix. In addition to this are planned many informative lectures and several field trips.

IRE officers for Fall, 1961, are: Joe Nadan, President; John Blomquist, Vice President; Mel Engel, Treasurer; Barry Horowitz, Corresponding Secretary; Roz Soodak, Recording Secretary.

AIEE officers for Fall, 1961, are: Bob Madonia, President; John McAuley, Vice President; Mel Engel, Treasurer; Stu Perlow, Corresponding Secretary; Mike Buczaczer, Recording Secretary.

Projects & Tutoring

The C.C.N.Y. chapter of Chi Epsilon, 23rd initiate in the national honorary civil engineering fraternity, proudly announces the successful culmination of its 24th semesters program. Under the competent guidance of Tom Stringas, president, the brothers embarked upon and adequately completed the programs that have for so long been characteristic of the society.

The fruitful efforts of incoming pledges (mandatory forty hour projects) result in the construction of models that illustrate principles organic exclusively engineering. These instructor aides, when donated to the C.E. department, provide the faculty with a means of demonstrating what would otherwise be difficult for students to visualize.

During "E-Day" Chi Ep's are available to perform experiments and explain the principles of technology applied to civil engineering to parents and whatever visitors may be present at the College. The chapter also maintains a tutoring committee which provides free tutelage to those students deficient in their C.E. courses.

In addition to performance of school service functions, the chapter takes an active part in propagating the National Organization, of which Professor Paul Hartman, chairman of the Civil Engineering Department, is president.

To become eligible for membership, C.E. upper juniors and seniors in the top 1/5 and 1/3 of their respective classes must

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Induction And Memorium

The City College Pi Beta Chapter of Pi Tau Sigma, the National Honorary Mechanical Engineering Fraternity, was chartered in 1942. It was founded to promote good fellowship and best interests of the mechanical engineering profession and of The City College.

This semester our chapter continued its insurance plan. Coverage is extended to all students taking mechanical en-

hood. With Mr. Anderson of Mechanical Engineering Department speaking on "Anderson's Egocentric Theory of Universe" and the new brother providing enjoyable entertainment, the Induction Dinner turned out to be an overwhelming success.

This semester the Pi Beta Chapter established the annual Manual Latner Memorial Award for Scholastic Achievement.



New Pi Tau Engineers

gineering laboratory courses. Our chapter, in cooperation with the other technology honor fraternities, continued the service of cataloging student record cards.

On May 13 Pi Beta proudly inducted Virgilio de la Cruz, Roger Engel, Michael Faye, Ronald Hoffman, Charles Liquri, Stan Makadok, Michael Mastrototaro, Herbert Schneider, Frederick Shore, Bernard Shupack, Chris Tsistinas and Fred Zucker into its brother-

hood. The award is given to perpetuate the name of Manual Latner, brother who passed away last semester. A plaque to memorialize the award will be hung in the Mechanical Engineering office. Maurice Bluestein, recipient of the first award, was presented with the Mark's Engineering Handbook at our induction dinner.

Next semester our chapter will host the 1961 National Convention. (Continued on Page 3)

Up In The Air

The U.S. Air Force has established an officer program for qualified college graduates, both men and women. Qualified applicants receive three months' officer training and then are commissioned as lieutenants. Applicants are considered for only those career fields which they request. This is exactly the arrangement that college men have asked of the military — an opportunity to work in their chosen career field as officers.

Major Roy A. Dix, the selection officer for the New York area stated that now is the time for June graduates to begin the necessary processing for the officer program. The testing and selection of potential officers

must, of necessity, be made thorough and time consuming than the selective service processing of draftees. Many June graduates may learn that they have delayed too long in investigating how to best fulfill their military obligation. Officer applicants make no commitment to enter the Air Force until they have been notified of their selection for training, advised of the class starting date and the career field in which they will be utilized. Male applicants may be married and have dependents. Interested June graduates should contact Major Dix's office at 346 Broadway, New York 13, New York telephoning RE 2-8000, Ext. 5.

AFTER FINALS COCKTAIL PARTY

SUNDAY, JUNE 18th, 1961 — 4:00 P.M.

at the
JUDEA REFORM TEMPLE
708 LYDIG AVENUE
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Sponsored by the Pelham Parkway Young Republican Club

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Some of the artists who will appear during the 4-day Holiday weekend

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This is just the beginning! Other artists are being added. Tickets can be purchased now from MUSIC AT NEWPORT, 201 West 48th Street, New York, N.Y. — Circle 5-8272. Ticket prices are: \$3.30, \$4.40, \$5.50 (tax incl.)

Thirty . . .

(Continued from Page 3)

consideration by Student Government. It would do a great deal to enhance Student Government and maybe the students would feel more responsible about whom they elect to the student posts.

S. G. Notes should also be revived. It would be interesting for the student body to see what motions were brought up by Student Government and how the council members voted for them. Campus did print the voting records of the major contenders at election time but this should be printed in S. G. Notes.

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