



TECH NEWS

CITY COLLEGE OF NEW YORK

VOL. XIX — No. 4

WEDNESDAY, NOVEMBER 13, 1963

BY STUDENT FEES

Tech Council Starts Busy, Varied Program

By ELLIOT WAGNER

Last Thursday evening, Tech Council met for the second time this term. Its ever expanding spheres of influence and concern are apparent as is evidenced by the following topics of discussion:

Cafeteria

Overwhelming on north campus has been one of the major topics of the first two Tech Council meetings this term. In response to a report which mentioned the removal of the north campus canteen, a resolution was passed stating that the cafeteria be retained in at least its present form and that consideration be made with regard to its enlargement. In addition, the council sent a letter to the Student Faculty Cafeteria Committee asking for abolition of the faculty dining section in the cafeteria. It was felt that these motions would promote better student faculty relations since those teachers wish to eat in the students cafeteria could eat with the student, thereby making available more than thirty seats for students use. Presently, this section of the cafeteria is not occupied for more than twenty per cent of the time.

New Lounges

Plans are presently being implemented for the redesign of the Little Lounge and the controversial ROTC Supply Room. The Little Lounge will be completed in the spring of 1964, and will have a capacity for seventy-five. (Continued on Page 4)

VECTOR

Herb Geller, editor of Vector, the College's engineering magazine, has announced that the appearance of the magazine will be delayed because of last week's union printer's work stoppage. Vector will be on sale Friday, November 15, and Monday, Tuesday, and Wednesday, November 18, 19, and 20.

Engineering Texts Will NOT Be Discontinued

By WALLACE GOTTLIEB

The City College Bookstore will not discontinue the sale of engineering textbooks next fall. Mr. Ronald H. Garretson, Bookstore Manager, made this quite clear last Thursday in an interview with TECH News.

Referring to a story in the Oct. 25 issue of Campus, Mr. Garretson said that he was "completely misinterpreted."

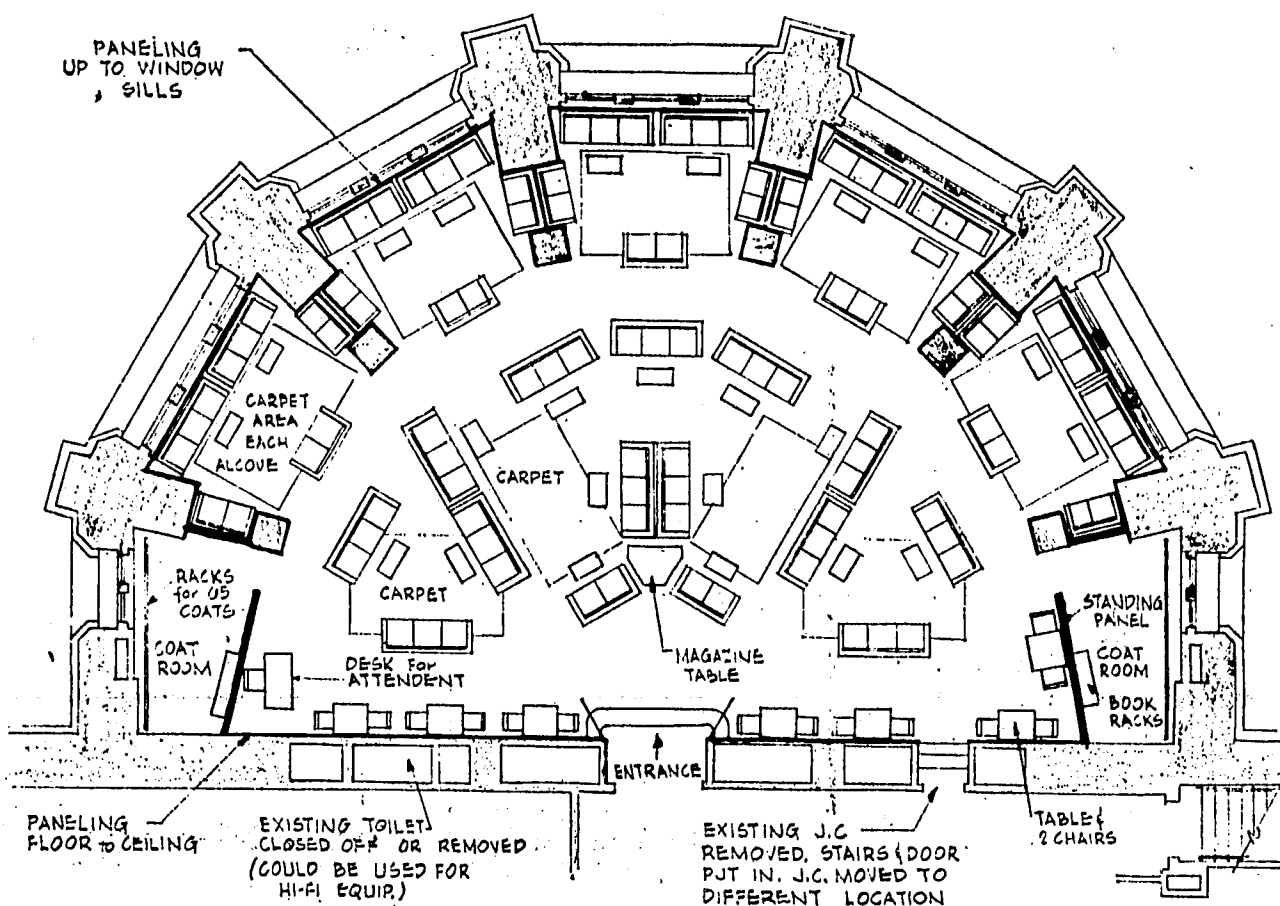
The Campus story quoted Mr. Garretson as saying that the sale of engineering textbooks would have to be discontinued to make room for the liberal arts books which will be needed by next fall's increased enrollment. Mr. Garretson denies this. "A decision to discontinue any textbooks," he pointed out, "would have to be made by Mr. Zweifach, the College's business manager, or perhaps even by President Gallagher."

"We need the engineer's sale," Mr. Garretson said. "The engineering student spends between thirty and sixty dollars per term in the bookstore. The average engineering textbook costs more than ten dollars. We never intended to lose this customer."

In order to clear up the confusion which resulted from the engineering textbook issue, Mr. Garretson issued the following statement:

"The City College Store realizes that the prime purpose of the store is to supply students with their required textbooks and (Continued on Page 2)

Plans for New Lounge Are Approved



The plans for the new "ROTC Lounge," which were drawn by Larry Klaus, of SCAIA. The plans have been approved by the Planning Committee, headed by Prof. Albert d'Andrea. Fall '64 is the date set for the Lounge's opening.

By RICHARD ROSENFELD

Comfort and utility will be the bywords in the new student lounges which will grace Shepard Hall.

Plans for the lounge which will replace the ROTC storeroom in the basement of Shepard Hall have been drawn up by architecture student Larry Klaus. Mr. Klaus has also drawn up plans for the redesign of Knittle Lounge. Both sets of plans have been approved by Prof. Albert d'Andrea (Art) and Dean of Students, Willard Blaesser, who are on the College's Planning and Design Committee.

Knittle Lounge will be completed as soon as possible, "hopefully by the beginning of next term." Its size will remain the same it will have the same seating capacity. Changes will include new furnishings and new wall panelling.

The new lounge, as yet unnamed, will have a capacity of 118. It will feature fine furnishings. The mezzanine deck will be removed for structural reasons and walnut panelling will cover the walls. The floor will be resurfaced, possibly with cork tile. The lounge floor will also have small carpeted areas.

Table tops will be of formica and hi-fi equipment is being eyed for the future. Chairs and sofas will not be "typical college furniture," but will be more distinctive. (Continued on Page 2)

Prize Winner Is "Social" Architect

By PETE EMANUEL

In 1948 Hanford Yang, the son of the governor of Quechow Province in China, came to this country to study business administration and banking. His original plans called for his return to China to manage his father's bank. However, in 1949, due to the envelopment of China by the communists, Professor Yang was able to return to his "first love — architecture." His father had to flee from the Chinese Communists as did many others. The elder Yang is now a military attache to Chankhei Chek on Formosa.

Since that turbulent time fifteen years ago, Professor Yang has received many honors and awards including prizes for school designs, first prize in international competition for the design of a home for the aged in 1957, and in 1958 second prize in international competition for the design of a solar house. The solar house design introduced standardized and prefabricated collectors which could be easily transported.

His most recent award is a prize of twenty-five hundred dollars for third place for a design of a New urban renewal project located in the area bounded by 110th and 116th Streets and Roosevelt Drive and First Avenue. The solution submitted called for making First Avenue, "the base to recreate the traditional (Continued on Page 2)



Professor Hanford Yang

College Purchases Irradiation Device

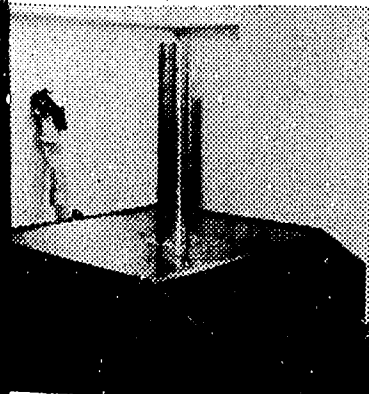
By FRANK MARTINES

Dean William Allen of the School of Engineering and Architecture has recently announced the procurement, by the College, of a Gammacell 200, cobalt 60 irradiator. According to Dean Allen, the irradiator is now operable and therefore available for research experimentation to all science and engineering departments and to all other institutions who seek use.

At present, the \$10,000, 6300 curie irradiator, which was manufactured by Atomic Energy of Canada Limited, is housed in room 04B of Steinman Hall with the College's sub-critical nuclear

laboratory, "the device will be used to study the effects of gamma radiation on engineering materials, chemicals, and vegetable and insect life." Purchased under an Atomic Energy Commission grant, the irradiator is the first device of its kind at an undergraduate institution to be supported by a Commission grant.

Basically, the unit consists of an annular shaped source (of gamma radiation), a thick lead shield around the source, and a long cylindrical drawer which is free to move vertically through the center of the source. The drawer carries samples (materials to be irradiated) from outside the shield and exposes them to the source on the inside of the device. Additionally, the drawer top, which visibly protrudes from the top of the unit, is equipped (Continued on Page 2)



New Radiation Device

Director. According to Professor Woodward B. Menkes, (M.E.), who is in charge of the nuclear lab-



TECH NEWS

MANAGING BOARD

Editor-in-Chief
Wallace Gottlieb

Advisory Editor
Mel Pell

News Editor
Richard Rosenfeld

Copy Editor
Harvey Hoffman

Editorial Consultant
Martin Miller

Managing Editor
Valerie DeClemente

Column Editor
Frank Martines

Features Editor
Ken Sandler

ASSOCIATE BOARD

Associate News Editor
Ruth Sotzky

Associate Features Editor
Vito La Manna

Photographer
Jerry Schuchman

Associate Copy Editor
Elliot Wagner

STAFF

Pete Emanuel
Barry Greenhouse.
Alan Grimaldi

Barry Rubenstein
Phil Selinsky
Mitchell Steinberg

Faculty Adviser — Irwin Brownstein

Editorial Policy of TECH NEWS is determined by a majority vote of the Editorial Board.

Printed by: Boro Printing Co.
216 W. 18 Street 222

In Memorium

Maximilian Chameides, Associate Professor of Electrical Engineering, died on Saturday, November 2 in Jersey City, New Jersey. He was 62 years old.

He became ill and left the college during the summer of 1962. Since then he had suffered several heart attacks and strokes.

Professor Chameides was a graduate of the Vienna Institute of Technology with the B.S.M.E. and M.S.E.E. degrees. He received an M.S. (Ind. Eng.) from Columbia University in 1951 and held a Professional Engineers license from New York State.

Professor Chameides published more than thirty articles on technology and popular science. He also wrote "Textbook for Mathematics, for Junior College Level."

He immigrated to the United States in 1939. Among his employers in this country were the Commar-Morgan-Corp., the Newark Transformer Co. and the U.S. Signal Corp. and Aircraft Projects.

In 1951 he joined the College staff and taught mainly the machinery and power courses. Professor Chameides was a member of Tau Beta Pi, Eta Kappa Nu and Pi tau Sigma.

He is survived by his wife and a son, Harry, who graduated from CCNY last June.

Prof. Yang

(Continued from Page 1)

atmosphere."

Professor Yang has some definite and exciting ideas about the role of architecture as expressed both through his work and verbally. He believes "a group of buildings makes a neighborhood, and a neighborhood makes a city. The cultural background of the city is really supported by the buildings that are there. If one is too eager to replace the old buildings, and not good enough to replace them in the proper fashion you destroy the culture of the city." He also stated that, "too many people make too many mistakes in solving the housing problem." He explained that the projects being built today are, "cheap brick towers," located in the middle of wasted grass areas. These projects disregard street patterns and are built in such a way as to create dangerous hangouts because they don't tie in with used streets. The real solution, he stated, lies in making "material and expression harmonious." As an example he pointed out Steinman Hall and the Administration Buildings as being "too gaudy and shiny to be on a campus of stone walls and slate roofs."

Although Professor Yang has worked for several prominent architectural firms and has a small private practice, he finds "teaching very gratifying because not only do you get satisfaction, but as a teacher you are stimulated as well." Because he has taught at Harvard and at MIT he was asked to compare their students and facilities with ours. He stated, "the City College students are just as intelligent and capable as students at Harvard and MIT but physical provisions do not provide a proper environment for the architecture student's needs. "But do not forget this is a young department and I have confidence that we have plenty of time to catch up."

Club Notes

AIAA

Will present three films, "Saturn Propulsion Systems," "T Plus Infinity," and "Space Orbits," at 12:30 p.m. on Thursday, November 14 in Room 303 Cohen Library. All are welcome.

H.K.N.

H.K.N. invites faculty and students to hear a speaker from Digital Electronics discuss "Digital Design" on Wednesday, Nov. 13, in F424 at 5:15.

H.K.N. invites faculty and students to hear a speaker from Federal Scientific Corp. discuss "Simoramic Spectrum Analyzer and Other Projects of F.S.C." on Wednesday, Nov. 20, in F424 at 5:15.

MATH SOCIETY

The City College Mathematics Society will sponsor a conference on "Graduate School Opportunities in Mathematics" on Thursday, November 21, at 12:30. Dean Sherburne F. Barber and Professor Abraham Schwartz will conduct the conference, which will be held in Room 12 Shepard. All interested students are invited to attend.

PHOTO CLUB

The Photo Club will hold a recruitment meeting on Thurs., Nov. 14, in 308H and extends its special invitation to all engineers.

Preparations For E-Day Are Begun

At the last session of Tech Council, held on Thursday, Nov. 7, Judith Goldberg and Robert Amatea were designated as E-Day Chairmen; Miss Goldberg a former president of Tech Council and Mr. Amatea is the IEEE representative.

Engineers Day is an annual affair. Its purpose is to acquaint businessmen and prospective students with the facilities and subject matter of the School of Engineering and Architecture at City College. Although the event is not scheduled until April, volunteers are needed by Tech Council to begin preparations.

Among the features of E-Day will be guided tours for visitors to show them the different Tech departments. In the past, displays and demonstrations were given in the labs of the various departments. Weapons and military structures were displayed by The Society of American Military Engineers.

Now that chairman have been appointed, it is their responsibility to supervise the planning and organization of the coming E-Day. Coordinator and departmental chairmen must also be appointed to staff the committees. The last E-Day held at the school was in 1960.

E-Day and You

The last E-Day or Engineers Day was held here about three years ago. Tech Council has now taken the initiative in organizing an E-Day for the coming term.

In the past, E-Day was a time when the Engineering laboratories and classrooms were opened to the general public. Students and instructors demonstrated the equipment used during the college day. A popular show was the irradiation of pennies, or for the wealthier, quarters, by the nuclear reactor. Many of the visitors were high school students getting their first vocational lesson in engineering.

Steinman Hall, our new engineering building, would be the ideal place to reinaugurate the event. New laboratories with the latest equipment — including a several thousand dollar computer — should make for a tremendous show.

But, as in all such events, the success of the program depends upon student participation. Tech Council needs student support if it is to effect an E-Day for next term.

Stop the Invasion?

By a vote of 10-2 Tech Council has proposed, to whom we are not sure, that publicity in Steinman Hall be limited to engineering organizations. It is their belief that Steinman Hall, being used primarily by engineers, should be insulated from the rumblings of the liberal arts clubs — political and social.

The fact that the Engineering and Science Library, located on the second floor of Steinman, services math, physics, chemistry, geology, and architectural students, is enough justification for dismissing the proposal as sheer nonsense. But even if it didn't, we would be unalterably opposed to this act of childish provincialism; it simply does not have a place on a varied college campus.

Many engineers believe, and most behave as if the college campus extended between 138th and 140th Street and Convent Avenue. If the events of the "south campus clubs" were not displayed right next to their sacrosanct society and fraternity billboards — and they are not — many engineers would not be easily informed.

In short, we do not believe that "other" publicity is an intrusion on our privacy.

Bookstore

(Continued from Page 1)

supplies. We have no plans to change the store's original purpose, and wish to go on record, that we at no time made any statement that the store will discontinue the sale of any text, next term or next fall."

Mr. Garretson explained that next fall's increased enrollment will present a problem to the store because of the increased number of textbooks that the store will have to keep in stock. The solu-

tion to this problem is space. Any spot on campus large enough to hold the extra textbooks would be fine; Mr. Garretson would even like to have some temporary quarters, which could be used for the first two or three weeks of the term.

According to Mr. Garretson, "hundreds of people" would like to see a bookstore outlet on the North Campus. He is all for this idea, but as yet has not been given a suitable place for it.

Frosh Dean's List Is Announced

Dean John R. White (Curricular Guidance, Engineering and Architecture) has instituted a Freshman Honor List for the School of Engineering and Architecture. The freshmen honors go to those freshmen who have completed at least thirty credits with an overall average of B. Dean White hopes that the List will serve as an incentive to tech students in their freshman year, the year which is considered to be the most difficult and trying.

The honor freshmen received a letter from Dean White recognizing their achievement. The students named to the Freshman Honor List for June, 1963 are:

Peter Alexander, Stephen Becalori, Robert Breiden, Ronald Cairo, Dennis Cirrone, Howard Cohen, Todd Daley, Anthony D'Aquila, Stephen Deitch, Thomas Dwyer, Raymond Ellermann, Joel Ettinger, Michael Foster, William Gay, Mark Gerhart, Stephen Gluck, Gerald Habid, Peter Hahn, Solomon Honig.

Also Alan Jacobs, Gerald Kadon, Alfredo Kann, Steven Klansko, Joel Lepper, Peter Konieczny, Howard Kopelman, Jack Koplowitz, Klaus Kretschmer, Lawrence Kronenberg, Jordan Lasher, Michael Lebowitz, Stanley Markowitz, Thomas Massimino, Albert Mizrahi, Robert Molko, Jerry Nathanson, Jonah Ottensosen, Heywood Paul, Michael Posner, Samuel Ptalis, Thomas Reistetter, Max Rhinewine,

Also Steven Richman, Charles Ritter, Solomon Rosenberg, Lawrence Ruth, Peter Sakaris, Allan Schwartz, Daniel Sheinbein, Robert Sohr, Leonard Solomon, Edward Spiteri, John Suravlas, Mich Teigman, Martin Tobias, Allen Weiss, Donald Wexler.

New Lounge

(Continued from Page 1)

tive in design. Another feature of the new lounge will be adequate coat room. Room 025 Shepard is tentatively scheduled for completion by Fall, 1964, but no definite date has been set.

Both lounges will be all-purpose, not for study alone, but no food will be allowed to be brought in from the cafeteria.

All that remains to be done before construction begins is the cost estimation, which will be handled by Larry Klaus and Prof. D'Andrea.

The first is will be on be appreci

"Modern T able article David Am res in pav neds of incr ment. Am are: a co of smooth ng load ac by the use ch air, in t distribute article is c yed by all

"Engineeri uals," by M le, on, as nical manu technician, ents an id nical manu

"Electrical l insulating t, must m a satisfac tivity, suit ion to moi mine the e so a discuss ment. "In amental re as insulat article, but ing studen a piece of

"The dull the resona rubber ball sformed in times stron e weird a region ab le on "Cr ics, is cor ces at tem olas Kurti essor at C is field an perature ev ned? Wha t are some many oth en and co which h this is no ay be only engineering

In additio ting "Eng on films tor Volts, ive editor: ector hav not out c e not out c en Stuff" This issue g its awar

Vector Review

By HARVEY HOFFMAN

The first issue of Vector, the CCNY Engineering Magazine, will be on sale this week. The issue includes articles that will be appreciated by both upper and lower classmen alike.

Concrete Repaving

"Modern Techniques of Concrete Repaving" is a highly readable article by two graduate students, Martin Wachs and David Amerliez. The article discusses common types of cracks in pavement and then goes on to discuss various methods of increasing the strength and longevity of concrete pavement. Among the methods mentioned to improve pavement are: a continuously reinforced concrete structure, the use of smooth round steel bars "for the purpose of transferring load across transverse joints in concrete pavements," by the use of a process of air entrainment, a method "by which air, in the form of minute, disconnected bubbles, is distributed throughout the mass of cement concrete." The article is clearly and concisely presented and will be read by all who read it.

Technical Manuals

"Engineering Communications Through Technical Manuals," by Martin Gold, is a well written and informative article, on, as the title indicates, the understanding of the technical manual. This article should be read by every aspiring technician, scientist, and engineer. This feature will give students an idea of exactly what material is included in a technical manual.

Electrical Insulation

"Electrical Insulation," by Tibor Benton, reports on electrical insulating materials. "Insulation for electrical equipment, must meet several important requirements. It must have a satisfactory level of dielectric strength, high electrical resistivity, suitably low dielectric loss and resistance of insulation to moisture absorption. These primary characteristics determine the electrical effectiveness of the insulation." There is also a discussion of types of insulation used for electronic equipment. "Insulation for electronic equipment has the same fundamental requirements and performs the same basic function as insulation on power equipment." This is an interesting article, but it may not prove so to any but electrical engineering students. It should point out that insulation is more than a piece of spaghetti on a wire.

Cryogenics

"The dull thuds of a lead bar are amazingly transformed into the resonant ring of priceless crystal glass. A high-bouncing rubber ball suddenly shatters upon the ground as though transformed into a fragile Christmas ornament. Steel becomes times stronger yet splinters upon impact. These are some of the weird and startling phenomena exhibited in the ultra-low region absolute zero." Thus, Israel Lieberman begins his article on "Cryogenics." "Cryogenics, a branch of solid-state physics, is concerned with the properties of materials and processes at temperatures in the vicinity of absolute zero." (Dr. Nicholas Kurti, of Oxford University, and currently Visiting Professor at City College, has done extensive investigations in this field and "is credited with having attained the lowest temperature ever achieved.") How are cryogenic temperatures achieved? What are the hazards in handling cryogenic fluids? What are some of the applications of cryogenic devices? These and many other questions are answered in this excellently written and comprehensive report. There are many illustrations which help clarify some of the ideas presented. However, this is not an article for the lower classmen and, indeed, it may be only fully appreciated by the mechanical and chemical engineering students.

Rounding Out

In addition to the fine feature articles, are several interesting "Engineering Highlights" including a novel use for sonar films in satellite studies, five "Faculty Profiles," "Factor Volts," and a crossword puzzle. There is also a provocative editorial entitled "On Overpopulation." Recent issues of Vector have not included "Stolen Stuff," the humor page. It is not out of place to include a humor page in a technical magazine and we hope that the editors of Vector will include "Stolen Stuff" in future issues.

This issue of Vector is worthy of a place of distinction among its award winning predecessors.

Fall Honor Societies Pledging Tau Beta Pi HKN

Forty engineering students have been elected to pledge Tau Beta Pi for the Spring term 1963. Tau Beta Pi is the National Engineering Honor Society.

The Students are the following:

Upper Juniors: Alan Bernstein, John Doll, Lloyd Estin, Richard Goldenberg, Jerry Geldwachs, Ben Gotz, Joseph Moran, Leon Nock, Robert Tutelman, Terry Walzman.

Lower Seniors: Richard Biondi, Joel Court, Mitchell Feigenbaum, Barry Freedman, Thomas Gerson, Barry Horowitz, Bruce Hyman, Arthur Jacobson, Richard Kane, Alan Lefkowitz, Roy Lerner, Howard Levine, Arthur Neeb, Anthony Schultz, John Selin, Robert Stone, Peter Weissman.

Upper Seniors: Frank Berte, George Bohensky, Walter Feldman, John Giudice, Gerald Golub, Chin Ho Jen, Pierre Kruh, Robert Levin, Robert Maskiell, Seymour Newman, John Oestreicher, Leonard Olsham, Herb Shanker, Irwin Schraga.

In order to be elected to Tau Beta Pi, a student must be at least an upper junior and in the top 1/8 of the overall engineering class or a senior and in the top 1/5 of the engineering class. Scholarship, however, is not the only requirement. One's integrity, scope of interest both inside and outside of engineering, adaptability, and unselfish activity are examined. The eligibility code states, "It is the purpose of the society to mark in a fitting manner those who have conferred honor upon their alma mater by distinguished scholarship and exemplary character as undergraduates, or by their attainments as alumni."

The pledge period lasts for 5 weeks. During this time the pledgees become acquainted with the brothers of Tau Beta Pi, render service in the engineering departments, and learn about the

The brothers of Beta Pi chapter of Eta Kappa Nu announce that the following eligibles have been elected to pledge HKN this term of Fall 1963:

807

Kenneth Axen, Walter Kircher, Seymour Newman, Bruce Rubin, Ira Stein, Barry Wilensky.

707

Richard Biondi, Stewart Cohen, Mitchell Feigenbaum, Thomas Gerson, Marvin Blaserman, Lawrence Milstein, Elliot Rothkopf, Anthony Schultz, Martin Teichman, Marvin Wachs.

607

Jerry Gelbwachs, Ricard Glatzel, Stanley Goldstein, Joseph Moran, Lawrence Horwitz.

history, aims, and purposes of Tau Beta Pi. The first pledge meeting was held on Monday, November 4, 1963, in Room 217 Finley.

Dennis O'Dea is the president of Tau Beta Pi. Barry Wolkowitz is the vice-president and Dennis Kirson is the pledgemaster.

MOVE AHEAD WITH

IBM
DATA PROCESSING

interviews

Majors in Accounting ■ Business Administration ■ Economics ■ Engineering ■ Liberal Arts ■ Mathematics ■ Science: ■ there's a world of opportunity for you in the exciting field of data processing. ■

Openings will exist in our marketing division...at more than 190 Sales and Service Offices located in major cities throughout the U. S. ■ Extensive training programs will prepare you for a future limited only by your ability and ambition in: ■

Marketing: ■ The IBM Data Processing Representative is a consultant to his customers. ■ He demonstrates how customers can achieve better business management and controls through data processing. ■

Systems Engineering: ■ IBM Data Processing Systems Engineers are men and women who study customer requirements in depth, devise an approach, define a preferred machine and operational solution, and assist in implementing this solution. ■

november 20

Our representatives will be on your campus soon to discuss typical careers, various training programs, the advanced-education program, and other benefits that go with working for one of America's leading companies. ■ Make an appointment through your placement officer. ■ He can also give you additional information on the career of your choice at IBM...an Equal Opportunity Employer. ■

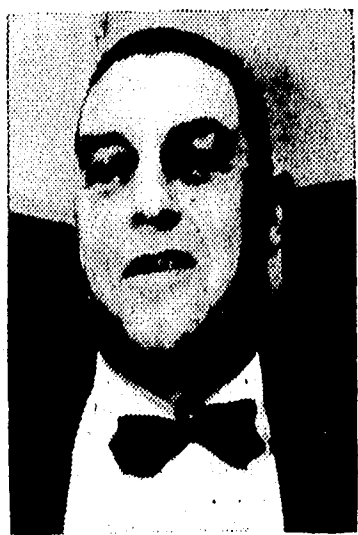
If the interview date is inconvenient for you, please write or call: ■ A. A. Santry, Branch Manager, ■ IBM Corporation, 99 Park Ave., New York 16, N. Y., MU 2-4900. ■

E.E. Prof. Returns After Leave to U.N.

By FRANK MARTINES

After three years of travel and work aboard, a man with a familiar name in the electrical engineering department of the college, has finally returned to the faculty ranks. The name is Professor Henry B. Hansteen and it belongs to a man who once served as chairman of the electrical engineering department (1952-1955). During his leave of absence, which began in June, 1960, he was employed by the International Atomic Energy Agency. This Agency is one of nine agencies sponsored by the U.N. to provide economic, technical and educational assistance to underdeveloped countries.

In the three years that Professor Hansteen served with the agency, he was in charge of the agency's fellowship program. As one of its functions, the I.A.E. carefully examines lists of prospective applicants of outstanding caliber submitted by member nations and selects from these lists those most worthy for the program. The elected applicants, who are usually from countries unable



Professor Hansteen

to provide them with proper educational facilities, are then located at an institution in the various "host" nations (e.g. Britain, France, West Germany, U.S.A., U.S.S.R. etc.).

In speaking to Prof. Hansteen, he explained that final placement of the applicants and the exact amount of their stipends was determined by the agency's Board

Council

(Continued from Page 1)

The ROTC Supply Room which is expected to be ready for use by next fall will have a capacity for one hundred twenty-five.

New Buildings

A report on the construction of the new buildings at the school was given by Larry Klaus, the newly elected Vice-President of the Technology Council. Mr. Klaus is a member of the student faculty design committee.

The new science building is now in the stage of preliminary design and cost analysis. The building will be located where the faculty parking lot is now. This will mean that the faculty will have to seek parking elsewhere. It was suggested that Jasper Field be used for parking even though this would interfere with ROTC drilling. The building will be

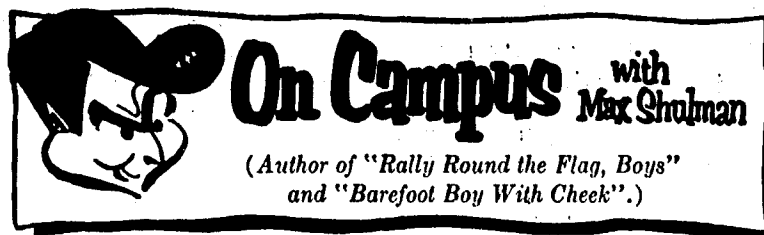
of Governors, which consisted of permanent members from the U.S., U.S.S.R., Britain, and France. In discussing the caliber of the students that the agency selects, Professor Hansteen described them as being "dedicated people with only one purpose in life." He also stated that "the results of the program have been excellent. All the people have done very well in their studies."

completed in three to four years. Other buildings discussed were the theater and speech building which will go behind Klapper; the old Music and Art building which will be renovated and used for liberal arts classrooms; and presently under consideration are an English and a Math building, both of which will not reach construction until 1973.

Publicity Regulations

The Student Activities Board has given Tech Council complete control of publicity in Steinman

Hall and in Goethals, with power to punish violators. Tech Council members will be responsible for policing the floors of their respective departments. The council has resolved that Steinman publicity be confined to technology organizations in school and that a cultural bulletin board be provided which will form the engineering student cultural activities which are taking place about the city. This will be similar to the one outside Raley 152.



HOW SMALL CAN YOU GET?

Today let us address ourselves to a question that has long rocked and roiled the academic world: Is a student better off at a small college than at a large college?

To answer this question it is necessary first to define terms. What, exactly, do we mean by a small college? Well sir, some say that in order to be called truly small, a college should have an enrollment of not more than four students.

I surely have no quarrel with this statement; a four-student college must unequivocally be called small. Indeed, I would even call it *intime* if I knew what *intime* meant. But I submit there is such a thing as being too small. Take, for instance, a recent unfortunate event at Crimscott A and M.

Crimscott A and M, situated in a pleasant valley nestled between Philadelphia and Salt Lake City, was founded by



What, exactly, do we mean by a small college?

A. and M. Crimscott, two brothers who left Ireland in 1625 to escape the potato famine of 1841. As a result of their foresight, the Crimscott brothers never went without potatoes for one single day of their lives—and mighty grateful they were! One night, full of gratitude after a wholesome meal of French fries, cottage fries, hash browns, and au gratin, they decided to show their appreciation to this bountiful land of potatoes by endowing a college. But their generosity contained one stipulation: the enrollment of the college must never exceed four students. They felt that only by keeping the school this small could each student be assured of the personalized attention, the camaraderie, the esprit, that is all too often lacking in larger institutions of higher learning.

Well sir, things went along swimmingly until one Saturday a few years ago. On this day Crimscott had a football game scheduled against Minnesota, its traditional rival. Football, as you can well imagine, was something of a problem at Crimscott, what with only four undergraduates in the entire college. It was easy enough to muster a backfield, but to find a good line—or even a bad line—baffled some of the most resourceful coaching minds in the nation.

Well sir, on the morning of the big game against Minnesota, its traditional rival, a capricious fate dealt Crimscott a cruel blow—in fact, four cruel blows. Sigafos, the quarterback, woke up that morning with an impacted incisor. Wrichards, the slotback, flunked his taxidermy exam and was declared ineligible. Beerbohm-Tree, the wingback-tailback, got his necktie caught in his espresso machine. Yuld, the fullback, was stolen by gypsies.

Consequently, none of the Crimscott team showed up at the football game, and Minnesota, its traditional rival, was able to score almost at will. Crimscott was so cross after this humiliating defeat that they immediately broke off football relations with Minnesota, its traditional rival. This later became known as the Sacco-Vanzetti Case.

So you can see how only four students might be too meagre an enrollment. The number that I personally favor is twenty. Why? you ask. Because, I reply, when you have twenty students and one of them opens a pack of Marlboro Cigarettes, there are enough to go around for everybody, and no one has to be deprived of Marlboro's flavor, of Marlboro's filter, of Marlboro's staunch and steadfast companionship, and as a result you have a student body that is brimming with sweet content and amity and harmony and concord and togetherness and soft pack and Flip-Top box.

That's why.

© 1963 Max Shulman

There are twenty fine cigarettes in every pack of Marlboros, and there are millions of packs of Marlboros in every one of the fifty states of the Union. We, the makers of Marlboro and the sponsors of this column, hope you will try our wares soon.

INTERESTED IN G.E.?

E.E. and M.E. January 1964 graduates:

Explore General Electric career opportunities with our representatives at group meetings Thursday, November 14 at 3 p.m. or 5 p.m. in room F217.

Training programs, types of engineering assignments, job locations and all your questions will be discussed.

Applications will be accepted AT THESE MEETINGS ONLY for General Electric's November 19 campus interviews.

Placement Office has further details.

GENERAL ELECTRIC
AN EQUAL OPPORTUNITY EMPLOYER

Coming: November 20th & 21st

HUGHES announces
campus interviews for
Electrical Engineers and
Physicists receiving
B.S., M.S. or Ph.D. degrees.
(Mid-Year or June graduates)

Contact your Placement Office
immediately to arrange an
interview appointment.

Creating a new world with electronics

HUGHES

HUGHES AIRCRAFT COMPANY

COLLEGE PLACEMENT OFFICE

P.O. Box 90515, Los Angeles 9, California

U. S. CITIZENSHIP REQUIRED

An equal opportunity employer.