



THE SCHOOL OF ENGINEERING AND ARCHITECTURE

TECH NEWS

CITY COLLEGE OF NEW YORK

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STUDENT FEES

Buildings and Grounds Dept. Criticized for Slow Operation

"Although Buildings and Grounds has been working closer with us, it still isn't what we need," according to Mr. Lefkowitz, assistant to the Director of Building Maintenance. In an interview last Thursday, Mr. Lefkowitz cited many cases of repairs unfulfilled that his department had requested. Most of these requests were made several months ago.

One case in particular concerning the fire door in the Finley Grand Ballroom read as follows:

"Item: Bar on panic door.

"Location: John H. Finley Student Center (Grand Ballroom) Room 101.

"Comments: Please repair."

The above work order form was dated July 7, 1966. Since then, the door has been inspected on 9/28/66, 12/6/66, 12/27/66, 2/7/67, and 2/28/67. It is still reportedly in unsatisfactory repair.

Mr. Lefkowitz added, "As a general rule, where a hazard exists, they repair it." However, he conceded that since the above door had been repaired with "string," it might constitute a safety hazard.

Mr. Lefkowitz emphasized that Buildings and Grounds, "... has a huge operation" and that he was not accusing the department of inefficiency. He explained that the fault was inherent in the system.

Mr. Flemming, head of Building and Grounds, explained that purchases must be made legally by bidding and this is a time consuming process. He also remarked that he was satisfied with the present system.

Last Friday, Mr. Lefkowitz informed a TECH NEWS reporter that, "All the phones in Finley are being fixed today." Previously he had indicated that six new water coolers were being installed in Finley. No cooler has yet been installed in Goethals.

Photo Contest

TECH NEWS is sponsoring a photo contest this term. Black and white glossy prints from 4 inches wide by 3 inches high, to 8 inches by 7½ inches may be submitted. Two categories of subjects is limited to technical and architectural subjects; the other category is completely open to any subject. Winning pictures will be published and a five-dollar prize will be awarded to each of the two categories. Please keep in mind that tiny details and medium contrast will not reproduce satisfactorily. Prints should be of higher than normal contrast.

Students To Fill-in Lake



Student leaps over north end of Lake Eisner to attend class in Eisner Hall. Man who rents boats was out to lunch.

A "fill-in" at Eisner Hall, originally scheduled for Thursday, March 16, was postponed until March 23 because of "too much weather."

The large holes in front of Eisner Hall were to be filled in because rain water causes a lake to form, making passage almost impossible, (see photo).

The workmen will be architecture students and others who are interested. The fill-in is sponsored by the Lavender Hill Mob, (also known as the Architects Clandestine), and was intended to show what the Mob considers inefficient maintenance by the Department of Buildings and Grounds. (The hole has been there for years.) One of the organizers of the fill-in said, "We want to show that the students can make the College better for themselves without going through a lot of bureaucracy and red tape."

The Fill-in has been rescheduled for this Thursday, March 23, at 12:00, in front of Eisner.

The organizer said that any people who wish to participate are welcome.

In a related effort to improve the campus, TECH NEWS has placed a coupon in this issue. See page 5.

50th Anniversary Budget Proposed for E&A School

Emblem Design Contest Announced

A temporary budget of over one-quarter million dollars was submitted by the Engineering and Architecture Fiftieth Anniversary Committee at its meeting last Thursday. The budget will be used for various affairs and functions to celebrate the 50th anniversary of the School during the 1968-69 academic term.

Mr. Herbert Suskind (Class T'50), chairman of the Committee, noted that the budget was temporary and did not include possible sources of revenue to overcome some of the cost.

The largest expenditure on the budget is for the establishment of "learned chairs," a proposal recently endorsed by the Board of Higher Education to attract distinguished professors to the College.

According to Prof. Antonio Baldo (ME) who submitted the report, the money for such chairs would have to come from endowments or contributions that would be used as principle to supplement the professor's salary.

In the academic field, symposia are planned for each of the five professional and honor societies. Also, every department in Engineering and Architecture has been temporarily allocated monies for conferences.

(Continued on Page 2)

Review Chairmanship In Architecture Dept.

The recent disputes over the chairmanship of the Department of Architecture and the visit of the National Architectural Accrediting Board (NAAB) have resulted in four meetings with President Buell G. Gallagher.

The first, on February 24, presented a student petition to the President requesting that he take into consideration an "outside" chairman (TECH NEWS February 28, 1967).

The second was by the NAAB, to close out their visit on March 1-3 to study the Architecture Department's facilities, curriculum, students and faculty. No details of this meeting have been released except for a statement that the NAAB felt it would take a near-deity to fulfill the student requirements for

a chairman. Other matters, pertaining to faculty, facilities and curriculum may have been discussed.

The third meeting was on March 7th, with a committee opposing the student petition for an "outside" chairman. With Professor Gilbert Bischoff, (temporary chairman of the Department of Architecture) present, the students offered support for him, noting that he fills all the requirements set forth in the February 24th petition except national recognition.

This meeting then turned to the subject of the library, and its possible completion date, as well as a \$2,000 allocation to the Department of Architecture for participation in the American

(Continued on Page 6)

E & A Day Succeeds As 400 View Exhibits

"It was a success," commented Professor Minocher Patell (C.E., faculty chairman of E & A Day), on the turnout of over 400 visitors to the College for Engineers and Architects Day held on March 9.

The visitors, consisting mostly of high school juniors and seniors, were taken on tours of the laboratories and classrooms in the Engineering and Architecture departments. Representatives of faculty, administration, and students were on hand to answer questions the visitors had about the College.

Regarding improvements for future E & A Days, Prof. Patell said he "would like to see more cooperation between departments." He also noted that only

one departmental chairman (C.E.) was present on that day. [Prof. Bischoff, was also there.]

The visitors, from every borough in the city, became so numerous at times that the laboratories could not contain them. Dean Allan (Engineering and Architecture) stated that "the objective was accomplished," referring to the large turnout of potential college students. He thought the staff was enthusiastic and could see no reason why E & A Day could not be held every year.

One student from Canarsie High School said, after taking a tour of the Architecture Department, "Professor Teresczenko changed my whole idea of what Architecture is about." He hopes to attend City College if he is accepted.



A college guide for E&A Day was stumped by a question from a high school (?) student in this group.

EXPERIMENTAL COLLEGE

Revolution in Education

By DEE ALPERT

A beautiful thing is happening at City College these days. Actually, it's really seven beautiful things at once, at last count, with the possibility of new ones starting every day.

I'm referring to the Experimental College courses, most of which have been holding meetings for at least a week. After having attended one class already, I can so far attest to the merit of the Experimental College concept as it is being carried on at City College.

Concept

The basic concept is a simple one. A group or groups of students decide they want to take part in a course which is not even at the University, and which they cannot get from the University. These students get together, discuss what they want to study, then read, look up or think about the relevant available information, perhaps do some research on their own, and then come together to discuss it as a group. Or, they may pursue the subject in a different manner, as they see fit.

The syllabus is student-determined and extremely flexible. It can change from week to week, as the participants think necessary, and as their needs change. The reading may range from the non-existent comic books, as well as any other literature available, including multi-media sources. The courses are for the most part completely informal, with everyone, including participating professors, on a first-name basis. Papers, if they exist, are optional or done at the individual student's desire, etc., etc. . . . meaning, you participate and contribute whatever you wish.

Reasons

The reasons for the experimental college concept are a little more complex. Almost every student, at one time or another,

has wished he or she could take a course which the University does not offer. Other colleges, such as Brandeis, will institute a new course if a small number of students — at Brandeis the number is 10 — indicate an interest in a course not being offered. The red tape involved is nominal. By comparison, at City College, if 100 students petition the relevant departmental Curriculum Committee, they can have an old course reinstituted. However, new courses are left out of this process entirely, and are left up to the discretion and desires of the department in question. The average response to students requesting a new course can range from, "We don't have the money" (Dr. Meisel), to "Get lost, kid." Even if a department is willing to consider the idea, the red tape it must go through is enormous. Ergo, better take what's being given.

The second reason for the experimental concept is also student-related. The average college classroom becomes, quite often, a literal chamber of horrors to anyone truly interested in learning anything. The bureaucratic hangup demands that a person (professor, instructor, etc.) giving a course grade have three pieces of "evidence" on which to base that grade — and presumably with which to defend it. Therefore, unless a professor wishes to disregard this rule, he is going to have to give a) midterms or hourlys or quizzes, or b) papers, and c) finals. In an elementary language course this may well be fitting and proper in order to make sure the students keep up with the required work, for their own protection. But in other courses these administered "evidences" can get very much in the way of the learning process. Unfortunately, the average, and perhaps above average professor has no

choice about the above, and goes along with the system. (The University might fall apart if there were no marks to give out.)

By the same token, the pace of most courses is rigidly predetermined by a departmentally or professorily dictated syllabus, in order to fit in with the grading system. Required readings rather than relevant ones must be par for the course. Discussions must follow the lines laid down by the syllabus, and going off on tangents, although conceivably just as valid as the required topics, is verboten. Large classes limit the practicality of individual expression. Freedom to explore concepts and ideas is next to nil.

Good Start

The Experimental College is not a panacea for the aforementioned annoyances. However, it offers a good start in the right direction, as there are no grades, exams, nor most of the other horrors inherent in the system.

Special note for Engineers: You might find the freedom in the Experimental College a welcome change after a hard day of required courses.

As of Tuesday, February 28th, the following courses are definitely being given and holding classes:

1. The American University.
2. Photography.
3. Contemporary Films.
4. Modern Poetry.
5. Road to Revolution.
6. Vietnam.
7. America and How to Change It.

The room numbers and meeting times for these courses can be obtained in the Student Government Office (Finley, Rm. 331). If you are interested in starting another course or would like to find out more about the established ones, the S.G. Office has the information.

Survey of Teachers Proposed by Council

Technology Council is considering undertaking a Teacher Characterization Survey, according to Ken Flaxman, President. As currently proposed, this survey would consist of characterizing each teacher in the School of Engineering and Architecture with respect to an objective criteria, and publishing the results. Explaining this "objective criteria," Flaxman stated: "We only want to make a public record of things that are in the public domain, like does a teacher take attendance, collect and mark homework, or is his English intelligible and is his board writing legible." Presumably, such information would be useful to a student at registration.

Opinion as to the usefulness of such a survey is divided. Clifford Tisser, Executive Vice-President of Student Government, feels that the survey "would be a wasted effort. When someone chooses a teacher, he wants to know non-ob-

jective things — basically, how the teacher marks." Jay Michlin, Vice President of Tech Council, is of the opinion that the survey would be a meaningful step forward for Technology Council. "It's about time that Tech Council undertook a progressive action," said Michlin.

The survey will be considered at Technology Council's next meeting, on March 30th. According to Flaxman, Tech Council's approval of the program is unnecessary to its being undertaken. "All that it takes to conduct a survey are paper and people. If twelve people want to take a survey, it is only necessary for them to register as an organization, say 'The Committee to Publish a Characterization Poll of the Faculty of the School of Engineering and Architecture,'" and, ergo, we have a survey. Flaxman refused to comment when asked if he would form such a committee if Technology Council refused to undertake the survey.

THE CLASSIFIED

The Beatles are the essence of all that is beautiful.

Congratulations to The New York Times on changing its flag.

Robin Hood was a kleptomaniac.

"The uniform, sign of dignity of a commander, and the baton of command, makes the blockhead imagine himself a superior being."

— Francisco Goya
"Los Caprichos"

Never insult an engineer, he might turn the world off.

Botchkis are ogees of translation.

Prof. Landy watches 12 hours of T.V. a night.

"The good thing about singing in a car is that it doesn't stop when you go under a bridge."

— Michal Shapiro, 1966

Whatever happened to Edward M. Favor?

They'll never know !!!

The Modulor is gay.

The City College Cafeterias make Horn and Hardart look fancy.

— The Lavender Hill Mob

Mephistopheles was a C.I.A. agent.

Contrary to popular belief, Prof. Landy is NOT listed in Stokes' Iconography.

Whatever happened to Julius LaRosa?

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Inquiring Technographer By PHILIP BURTON

QUESTION: Should girls study Engineering?

WHERE ASKED: On campus.
Robert Dyer, Lower Senior, Civil Engineering. Yes. Engineering should not be limited to only men. Women have entered and been accepted in the fields of Law and Medicine which were predominantly male professions. Of course, when a girl studies engineering, she should not expect any special considerations from the faculty on account of her sex. A girl should also realize that after graduation, certain facets of her profession do not lend themselves to the employment of women and she may be limited to certain phases of engineering.



Dyer Rudnick

Rhoda L. Rudnick, Upper Senior, Psychology. This is the problem that comes up when a woman wants a career that requires long and special training. She herself must decide whether the investment of time will be justified, if, after she obtains an engineering degree, will she be willing to further put off family and home to apply her acquired skills productively. Engineering can not be a part-time devotion; the chances of returning to the field are small after her family no longer requires all of her time, since she must compete with younger, more specially trained engineers. If she realizes and then weighs those factors and reaches the conclusion that she is prepared to give up the conventional life, there is no reason that I see why a woman cannot be a fine and devoted engineer.

Donald Ucci, Upper Soph., Electrical Engineering. If a girl is deeply interested in the field of engineering, then she should enter it. It might be a little awkward for a girl to adjust to a field where the majority is male. There will probably be discontentment between the sexes, but if a girl feels that all the adversities are worth it and she can adjust to this "man's world," I see no reason why she should be unsuccessful.



Ucci Marsanico

Robert Marsanico, Sophomore, E.E. Actually I don't see any reason why a girl shouldn't take up engineering if she wants to. Personally I can't see any reason as to why a girl would want to, unless she wanted to make engineering her life-long career or the role of bread-winner her role. Could you picture your wife running around the kitchen with a cook book in one hand and a slide rule in the other? I couldn't.

(Continued on Page 8)



Gross Sayings

BY JEFF GROSSMAN

(Ed. note—The following is the first of the gripes received by Jeff Grossman in his quest for "soundings off" by his readers.)

Dear Jeff,

You know, sometimes this whole bit is a real drag. I mean, there are some things which really get me down. I know that you must have a lot of the same problems. Like when people call GROSS SAYINGS an article instead of a column. Some people just never learn. I mean, it's a regular feature of TECH NEWS, so it's a column, not an article. And, like, when you write a real good column and the next one is not quite as funny (but not bad all the same) and the kids bust your chops because you didn't come up to snuff.

And then, like, I saw you last Thursday when you flew the kite at the Tech Council Happening. So you started at 11:30 (before anyone was around) and it went over Shephard Hall, and then you got it flying real nice after that. So it got caught in a tree at about 12:30 and everyone put you down without knowing that you really did an O.K. job.

And I'm sure that you're really tired of people asking you why an Eco major is writing for TECH NEWS. I'm sure that the reason is very simple: probably something like the fact that you enjoy doing it, that's all.

But I suppose the super-bitch of yours is that since you know a lot of people (both on and off campus) they're always bothering you to get their names in the paper or asking you to put in ads for nothing.

And just because you have a position on the Managing Board now, everybody tells you what's wrong with the paper. Like, you come out every two weeks and they want to know why you never have any current news stories.

Everybody picks on you. First it's the moving of your office. When you're finally getting use to the comfortable-ness of your old room, they throw you out and into a new place which you have to dirty up a bit to give it that "lived in" look. And Campus plays OP in basketball and everybody rants and raves and makes a big deal out of it. Meanwhile, TECH NEWS has been in all the independent league sports (so what if you never win) and nobody pays you any mind.

Anyway, that's about it. I hope that you print this gripe. I know you didn't get too big a response to your plea for gripes (which is another gripe — everybody reads the column but they're too lazy to write to you). Thanks again.

Sincerely,

Managing Editor, TECH NEWS

I would like to congratulate A. Edward Alexander on his first column in Main Events. "Life Among the Heathens," both original and witty, is a welcome addition to our evening's entertainment. Prunes to you, Adam.

HIGGELDY-PIGGELDY is coming!!

You know, it's one o'clock in the morning, ("No, but if you hum a few bars, I can fake it.") and I'm trying to fudge my way through the second half of this column — no mean feat.

FLASH — OP beat Campus last night, 17-7, in the first intra-newspaper basketball game of the season. It was a hard fought game, but to the victors go the spoils. The spoils, in this case is/are (couldn't decide which was correct) the TECH NEWS basketball team. We hereby issue a challenge to OP to meet us on the courts to decide the real champs. (Or chumps, as the case may be.) P.S. — We will, of course, meet Campus (if they so desire) so that we can warm up a little bit.

"The experimental college is great." So says Dee Alpert, TECH NEWS Heuristician. (The preceeding was an unpaid for political announcement.)

"Three strikes and you're out!!" (Bio teachers should know that cigarette smoking may be injurious (?) to health.) Care for a piece of gum, Professor?

My column of about a month ago, (the one on sex, remember?), was very well received, and for good reason. The material came from MODERATOR magazine — a national magazine for students — and was done in their Grapeshot column by Ed Crimmins. GROSS SAYINGS is akin to Grapeshot in that they were both formulated on the same idea. Apologies to Ed and MODERATOR for not mentioning this at the proper time.

Little Red Riding Hood

Traditionally, St. Nicholas Terrace has been a relatively unsafe border of the City College. The number of assaults and robberies against students and faculty along the Terrace has increased alarmingly these past few years. Allen Kimbrell's excellent feature, 'Cops' and Robbers at High Noon, in the March 8th issue of *Observation Post*, serves well to illustrate the problem.

Students are told not to use the Terrace or walk through St. Nicholas Park. We are warned of the robberies and assaults that occur there, and most of us would not walk alone on the Terrace at night. But the basic problem has not yet been solved.

Parking is available for hundreds of cars along the length of the Terrace. The IND subway, a main transit facility, is at the foot of the cliff. We will have to continue using the Terrace, and unless it is saturated with Police and Burns Guards, it will continue to remain unsafe.

Since the possibility of filling the Terrace with police and Burns Guards seems remote, we have an alternate solution: saturate the Terrace with people. A rather evident credo of city planning is that a well-used street is likely to be a safe street; a deserted city street is apt to be unsafe. St. Nicholas Terrace is unsafe, and by warning students to keep off it and by foolishly shutting the Terrace Gate at 6:00 P.M. — 5:00 on Fridays — we do not make the Terrace any safer. In fact, we increase the risk of crime by eliminating possible users, thus making the Terrace unsafe for those who must use it.

Furthermore, by locking the Terrace Gate, City College cuts off the only access to safety a person may have from the Terrace between 130th and 135th Streets. If Kenneth Janicke, the subject of the OP story mentioned above, had not been able to run onto the Campus for safety, but had found the gate locked, he could have been a "goner."

Keeping the Terrace Gate open will, in this way, add to the safety of the Terrace. Ripping down the entire wall along South Campus' border at the Terrace might practically eliminate crime there. According to Dean Peace (Student Life), there is a "greater likelihood for molestation where there are not many people around." Dean Peace also informed TECH NEWS that, among other places, "the Terrace from 133rd Street south is a critical area."

Jane Jacobs, in her book *The Death and Life of Great American Cities*, writes:

A city sidewalk by itself is nothing. It is an abstraction. It means something only in conjunction with the buildings and other uses that border it, or border other sidewalks very near it . . . When people say that a city or part of it, is dangerous or is a jungle, what they mean primarily is that they do not feel safe on the sidewalk.

The only way the College can make the Terrace safer is by making the College an active part of it, not by walling us off.

Tech Life

BY STU PERSONICK



When a system is inequitable, it can be improved in two ways. One can try to improve the lot of those who are being treated unjustly, or one can make the system equally bad for everyone. The technique of crippling the healthy to make things fair for the lame is advocated in Washington as a solution to the inequities of the draft.

The draft was established as a tool for raising military manpower if voluntary enlistments were inadequate to meet the country's needs. This was not designed as a government finishing school for making men out of boys. It was not designed as a punishment for being born a man. It is a necessary evil which should be used only when necessary and only to the extent that security requires it to be used.

I would like to present an ideal form of human lottery.

In this lottery, men are born who are randomly intelligent or unintelligent. In this ideal system, those who are intelligent go to college and the others do not go to college. Those who go to college may acquire skills which are vital to their society. Because of these skills, these men may not be called to serve their country in a military capacity as soldiers, but rather as scientists, engineers, and educators. In this ideal system, those who are not fortunate enough to be intelligent will never enjoy many of the things which the intelligent people enjoy. In this respect the system is unfair. But, it is only unfair if one picks out an individual. As a whole, the system is perfectly equitable provided one assumes that everyone who is born capable of going to college does attend college.

However, this is not the case in real life. College is undeniably a place where money is an important admission requirement. Thus, in our society, many people who could and should be in college end up in Vietnam. One way to remedy this situation is to draft all the people who should be in college and who are in college, and send them to Vietnam or Germany or Alabama or Fort Dix. This eliminates the inequity the easy way, but this is not the best way to develop the country's resources.

One way to solve the problem of whether or not people who are vital to the country's welfare should get deferments is to draft them before they can develop their potential, thus eliminating such people. That way we will not be taking our engineers and scientists out of our laboratories, because we will not have any to put there.

The problem of the inequities of the draft should be solved in the best way, not in the easiest way nor in the politically expedient way. Our efforts should be aimed at providing opportunities for those underprivileged groups, who are discriminated against by the draft, to enter college and acquire technical skills if they are capable.

The future of our country depends upon our development of human resources. There will always be a few people who will try to beat the system. There will always be those who will stay in school only to avoid the draft. They cannot be distinguished from those who truly want to learn. They cannot be distinguished from those who will serve their country after they have attained the best education their abilities will permit. One can always get the criminal by killing all the suspects. This is justice only in the most distorted sense of the word. If we draft our students, many will never return to college. There is always more distraction from studies when one is older. Age dulls the desire to go to school, and it brings responsibilities which may make the return impossible.

Any changes in the draft should be aimed at furthering education and not hindering it. If the war in Vietnam is threatening our students, then we are in serious trouble. We will not get out of this trouble by abolishing students.

Meetings

A.S.M.E.

Mr. L. N. Rowley of Power, the McGraw-Hill magazine of energy - systems engineering, will speak on Thursday, March 16, at 12:15 P.M. in room 135, Steinman Hall.

The topic of the talk will be Direct Energy Conversion.

Lights Out

By DENNIS COHEN

They closed the frat house
last night.
Passing it by, I couldn't see
a light,
Or hear a noise
of reassurance
That would tell me
Whether the crowd was happy.

For one night, the mob
was gone,
And the wind whispering
through the leaves,
Replaced the whisper of boys
Over what was desired
Beneath a skirt,
Of the giggling of girls,
Over how to tease,
Or to hurt.

With the moon and the stars
Giving off a purer light
Than a darkness needed
For our corruption of sex
I felt sad.
Knowing why
Maybe this night
We'd stop
our lie.
To try to think and feel
What it all means,
And why,
We accept this emptiness
In place of dreams.

Because when they open the
house
Next week
I'll hear the guys
Talking about
The next test,
Or how they'd like
To caress
The prettiest girl's
Big breast.

While the kid whose face
We always would see
Lies in his grave
With dirt overhead
Sleeping quietly.

Oh you know something
It's crazy
That even death can't
wake us.
If even death can't
Shake us,
Tell me
What can?

LETTERS WE
NEVER FINISHED
READING DEPARTMENT

March 6, 1967

Attention Swingers:

It's what's happening baby!...

(Letter from the House Plan
Association at The City College,
Carnival Booth Committee)

LETTERS To The Editor

The Administration Building

March 3, 1967

Editor, Tech News:

Referring to your issue of February 28, 1967, pg. 8, column 1, paragraph 7 [paragraph 6 -- Ed.] and the remarks attributed to Mr. R. Kalish, Editor-in-Chief of footings, I suggest Mr. Kalish get his facts straight regarding the identity of the architect for the Administration Building before registering his (strong) opinion. The firm of Skidmore, Owings & Merrill was not engaged as Architect for same. Mr. Kalish rakes the wrong party at his verbal coals; at the very least, a public apology seems to be in order.

Incidentally, Mr. Kalish, while the Administration Building leaves a great deal to be desired, it is not quite a "perfect failure."

Perhaps its only virtue is the floor space provided. Take it from me, any building that provides SPACE at the City College can't be all bad -- and certainly is not a "perfect failure"!

E. A. Avallone
Assistant Director
Planning & Design
The City College

We must indeed apologize to Skidmore, Owings, and Merrill. The architects of the Administration Building were Gehron and Selizer of 101 Park Avenue, New York. We regret this error.

Mr. Kalish also concedes that the Administration Building is not a perfect failure but that it is, instead, "an imperfect failure."

-- Ed.

The Sharpeville Massacre

March 16, 1967

Editor, Tech News:

On March 21, 1960, 67 Africans died when the police attacked a non-violent demonstration against the Pass Laws. This was the massacre at Sharpeville, South Africa. This horrid example of racial oppression on the part of the South African Government suppressed the United Nations into designating March 21st the International Day for the Elimination of Racial Discrimination.

On Tuesday, March 21, 1967, an open meeting will be held at St. Mark's Methodist Church (St. Nicholas Avenue and 137th Street) to commemorate the seventh anniversary of the Sharpeville Massacre and to mark the occasion of the first United Nations International Day. Distinguished speakers at the meeting will include: Percy

Sutton, Manhattan Borough President; Ambassador Marof Achkar; Chairman of the U.N. Committee on Apartheid; William Booth, New York City Commissioner on Human Rights; and Floyd McKissick, National Director of CORE.

This event, sponsored by the American Committee on Africa (ACOA) and numerous other groups including the City College Christian Association, will be significant for the future of American action concerned with bringing about justice in Southern Africa, particularly as it relates to the unfulfilled responsibility of the United States towards this part of the world still fettered by racial injustice. A good turnout of City College students is expected by the sponsors.

Mario E. Sprouse
Christian Association

Help Buildings and Grounds Help Themselves

TECH NEWS would like to request that students interested in improving our campus "fill in" the coupon below. TECH NEWS will keep track of the items in need of repair that we

are informed about. The coupons may be deposited in our mailbox in the C.E. office in Steinman, Finley 152, our office, Finley 337, or the footings office, Harris 001.

TECH NEWS REPAIR CAMPAIGN

Item:

Location:

How long damaged or broken:

Other comments:

Join
TECH NEWS
we LOVE you

footings

ARCHITECTURE SUPPLEMENT

TEAR THE WHOLE THING DOWN!

An Architecture Students' Glossary

ADMINISTRATION BUILDING

(1) Building housing administrative functions of The City College.

(2) The most unique building on campus (i.e.: to go from one part of the first floor to another, you have to go outside or up and then down one flight of stairs.)

SYN.: Ugly, nonfunctional, joke.

ARCHITECTURE LIBRARY

(Nonexistent). We have the books and the librarian, but we can't find them anywhere.

EVERY LIBRARY

At Columbia University—the temporary C.C.N.Y. Architecture library.

BEAVER BOOK STORE

Instead of trudging down to Finley Student Center to the College Bookstore and finding poor stock and getting rotten service, we can go right across the street. . . .

BISCHOFF, GILBERT A.

(1) Chairman of the Department of Architecture.

(2) A very friendly person who will readily invite you into his office if you have any complaints, or just for a chat.

(3) A potential new chairman since he doesn't want the job.

You are not supposed (i.e.: it is unfashionable) to like him because he is the chairman.

BOYS

(1) What students of Architecture mostly are.

(2) What we are treated as, though many vote.

(3) What we act like for two days between design projects.

CEFOLA, THEORY OF

"There are always 80 ways to do a given perspective problem." Named for Anselm Cefola, Architecture Faculty member.

CHARETTES

All night work-in, usually the night before a design project is due. Accompanied by loss of humor and by Bob Fass on WBAI until 3:30 A.M.

CIVIL ENGINEERING

(Abbr: C.E.)

A nasty word.

C.E. courses that the Architect student must take are 110, 222.1, 232.1, 216.1, and 130—all hard.

Homework in these courses (and lab notes in 130) are obtainable from any student who had the course the term before. Even with solved problems, homework takes about 8-13 hours a week to copy and understand.

Test averages, except in 110, are usually in the 30s. These are curved so that 30 is about a 'C'. In 110, C.E. majors take the course with us and they pull the average up. Architects sometimes fail 110.

COLUMBIA UNIVERSITY

Another bureaucratic school, at 116th Street and Broadway, expanding rapidly and haphazardly.

CONVENT AVENUE

North-South Street running through the center of Campus—to be covered between 136th and 138th Streets so as to facilitate muggings and purse-snatchings. The designer was nostalgic about the Third Avenue El.

CRAYOLA CRAYONS

Rendering media finding new popularity at C.C.N.Y.

DEPARTMENT APPOINTMENTS COMMITTEE

Astute observers of the contemporary scene of architectural design and education.

DESIGN

%2&&...(%"%—&\$!!!*%
SYN.: %\$//*, %\$—*/*

DESIGN ROOM

Interior space where every member of the class has a permanent drafting table for the term.

DESIGN ROOM, ART OF

(1) Usually posters from everywhere, personally embellished, and found and stolen objects, gears, pipes covered with paint, signs. . . .

(2) An attempt to hide structure with paint, and lighting fixtures with trash.



DESIGN ROOM ART, in Harris 008; LEFT — LeModulor, RIGHT: Painted old stuff found in Goethals Hall, vintage 1920.

DESIGN ROOM, MUSIC OF

Usually a tug of war between The Loving Spoonful and Schubert's Mass in E flat. The guy who owns the portable radio wins.

DOM'S See "food".

EISNER HALL

A 1946 Steinman (see Steinman Hall).

FEMALE See "girl".

FOOD

That which one eats.

The Architects are closer to four private eating establishments than to the City College Cafeteria (Shepherd Hall). This, we needn't mention, is fortunate.

Establishments are: Sols: — Hebrew National Deli; Lorenkos — Spanish Deli; the Greeks — Red-blooded American food; Doms — Italian food.

FOOTINGS

Architectural periodical at The City College.

SYN.: Graffiti, Scandal Sheet.

GALLAGHER, BUELL G.

(1) President of The City College.

(2) A very friendly person who readily invites you into his office.

You are not supposed (i.e.: it is unfashionable) to like him because he is the president of the College.

GIRLS

(1) Rare species of human life.

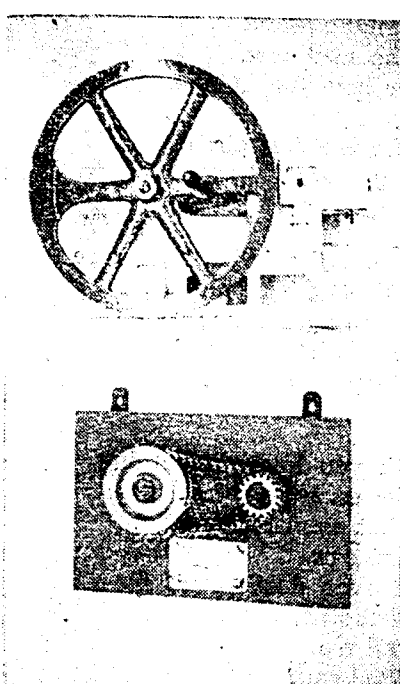
(2) Curvilinear shapes and rounded massings, excellently proportioned, building up to an interesting climax.

GOETHALS HALL

(1) Home of the Architects.

(2) Proof that the meek shall inherit the earth.

(3) Only building on North Campus without an outlet to same.



DESIGN ROOM ART, in Harris 008; LEFT — LeModulor, RIGHT: Painted old stuff found in Goethals Hall, vintage 1920.

GRADUATION

Usually after 5 years — A phenomenon based on 17-credit semesters listed in the Bulletin, indicating that the administration has a sense of humor.

GREEKS, THE see "food".

HARRIS HALL

Annex to Goethals Hall, due to compression of space in Goethals.

Chairmanship Reviewed; Invitations To Be Sent

(Continued from Page 1)

Institute of Architects Convention when it is held at the New York Hilton, May 19-24. The library is out for bids again; the first bids were rejected. President Gallagher said the money for the convention would be found.

The fourth and final meeting took place March 17. This was the faculty meeting promised to the student group on February 24th. The discussion of the chairmanship and the departmental elections in May was expanded to cover curriculum changes that will probably be needed to conform to NAAB recommendations, the lack of space (over 500 students are expected to be taking design and graphics in the fall term), and a proposed line in the budget to enable the Department to get a full-time professor of design for the fall term.

Further meetings will probably take place. One is planned in which President Gallagher will meet with the entire faculty and student body to discuss the growing problems of the Department.

The Architecture Department is planning to send out letters of

invitation to all accredited schools of architecture and to the professional architectural organizations in an effort to attract a prominent member of the profession to become chairman of the Department of Architecture.

After a meeting with President Gallagher and the architectural faculty on Thursday, March 16th, reliable resources revealed that an active campaign was underway to fill this position.

Chairman Bischoff (Arch), seemingly greatly concerned over a petition signed by about one-half the architectural student body, indicated a desire not to continue as chairman of the Department of Architecture. The petition requested that an "outside" chairman be chosen to fill the impending vacancy.

Those who reply to the invitations that will be mailed out within the next two weeks will receive applications in the mail. The applications will then be reviewed by Chairman Bischoff and the architectural faculty. Interviews will be scheduled for likely candidates. Final approval will be required from the Departmental Appointments Committee, Pres. Gallagher, and the Board of Higher Education.

HERRING, MRS.

(1) Secretary to the Chairman of the Department.

(2) Not a potential chairman — so far.

JASPAR OVAL

(To be defunct). To be replaced by a Skidmore, Owings, and Merrill "Box," to preserve the continuity of the design of the Administration Building and Steinman Hall.

LANDY, PROF. "SMILEY"

T.V. Buff teaching Art and Architectural History; probably the most liked teacher of same.

LAVENDER HILL MOB, THE

Notorious group of anonymous individuals who strike fear into the hearts of who ever they feel like striking fear into the hearts of.

SYN.: Clandestine, Officers of the Student Chapter of the American Institute of Architects.

LORENKOS see "food".

MODEL SHOP

Room 110 in Goethals Hall; a sprinkling of wood, sawdust, and bandage wrappers among angry machines.

Hours: 1-4:50 — just in time to disturb design classes.

PARAKEET GRAVEL

Aid in making models in designs. May be distinguished from plain Bird Gravel in that it has no black charcoal in it. Black charcoal is just not realistic.

PAUL'S See "Beaver Book Store".

PETITION

A major part of the Architectural student's activities. Usual result of petitions: negative.

PHYSICS

After-Math.

RUDOLPH, PAUL

See "Yale University".

S.C.A.I.A.

(abbr: Student Chapter of the American Institute of Architects).

(1) A group which holds meetings every other week and proves that the only impressive part of the whole deal is the name.

(2) The C.C.N.Y. Travel Bureau.

SOLS See "food".

SPARE TIME

Ask around, somebody must know.

STEINMAN HALL

A pleasant entrance which is a prelude to a rat maze.

SYN.: House of Horrors. House of Broken Escalators.

TERESCZENKO,

THEORY OF

"The Interstate Highway Column is the fifth order of column." Named for Jan B. Teresczenko, member of the Architecture Faculty.

T-SQUARE

Edge for cutting with matte knife.

WATER COOLER

Sorry, we've forgotten what they look like. The one on the first floor of Goethals Hall was removed by Buildings and Grounds for repairs last September.

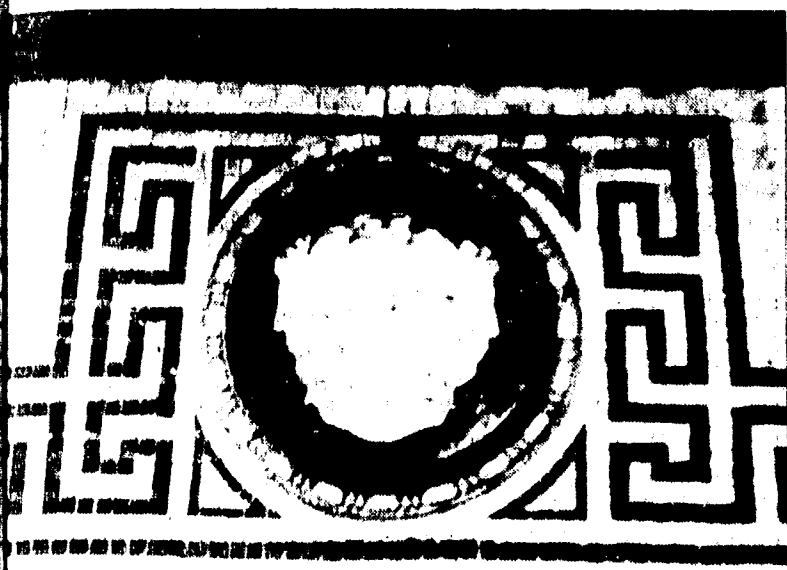
YALE UNIVERSITY

See "Paul Rudolph".

YANG, HANFORD

Former design instructor at The City College, general rebel, and professional competition winner.

They Knew How To Build Subways Back Then



THE NEW YORK EXPLORER

Subway Station Art

By ROBERT KALISH and PHILIP BURTON

Those of you who jam together every morning in the subway, trying to turn your copy of *The Times* to page 24, may not notice, or probably disdain, the antiquated parts of our transit system. However, these relics are one of the greatest assets our subways afford to anyone with a sense of history.

At street level, wreckers are constantly ripping down any building over 30 years old and putting up standard curtain-wall office buildings. Underground, where the city cannot afford "improvements," many interesting relics of days gone by still exist in good condition. The Interborough Rapid Transit line tunnels are themselves relics of the early 1900s. The Brooklyn-Manhattan Transit tunnels in Brooklyn follow, for the most part, rights-of-way of old private steam railroads which used to bring bathers to Coney Island, and of elevated lines that served the old City of Brooklyn.

One small part of New York City's subway history is the

mosaics and plaster casts which adorn most of our older subway stations. The mosaics usually are laid flat and, in varying colors, name the stations. Some mosaics even identify the stations with pictures by portraying features related to the location of the station.

It has been theorized that these pictures were placed in each station so that immigrants, who made up a large part of Manhattan's population at the time and couldn't read English too well, would be able to identify the stops. This may or may not be true, but it is known that the mosaics were the idea of August Belmont, Jr. Mr. Belmont, a banker and inheritor of his father's fortune, was the financial backer of New York's first subway, completed in 1904. He came to own the then private Interborough Rapid Transit Company. Belmont made preliminary sketches for some of the designs and, in the early contracts let for subway construction, specified that stations

were to be embellished with a "landmark of the neighborhood."

The actual designers of these art works are not known, nor are the people who executed the designs, but their works remain with us. Below is a rundown on some of the interesting pictures and their significance.

SOUTH FERRY (IRT): A scudding sloop in New York Bay cast in relief on clay tile or plaster and painted. Scudding sloops were the first boats to be used in ferry service to Staten Island after the first ferry charter was granted in 1712.

FULTON STREET (Lexington Ave. IRT): A scene on three panels in bas relief plaster of the Claremont—the first steamboat of Robert Fulton—sailing up the Hudson River. The connection here is that the street was named for Robert Fulton.

CANAL STREET (7th Ave. IRT): A clay tile picture in a hexagonal frame depicting the spire of St. John's Chapel, which was on Varick Street facing

Hudson Square. The church was torn down in 1913.

CHRISTOPHER STREET (7th Ave. IRT): A very grimy picture from what appears to be stained glass, depicting the old State Prison, once located off the Hudson River at Christopher Street. The State has since then built a new prison in Sing Sing, Ossining, New York, and the old one, built in 1796-7, has been torn down.

ASTOR PLACE (Lexington Ave. IRT): A very detailed relief of a beaver gnawing at a tree. The beaver was the central feature on the Astor family's coat of arms.

CANAL STREET (EMT): A picture, in mosaic and clay tile, of the canal which once existed at that place, with Aaron Burr's homestead off the bank in the background.

33rd STREET (Lexington Ave. IRT): A bald eagle and American Shield, obviously a patriotic salute to the 71st Regiment Armory on 33rd and Park Avenue.

GRAND CENTRAL (Lexing-

ton Ave. IRT): A brilliant mosaic of a steam locomotive coming down the tracks.

116th STREET (Broadway IRT): A relief of the Columbia University Emblem in plaster.

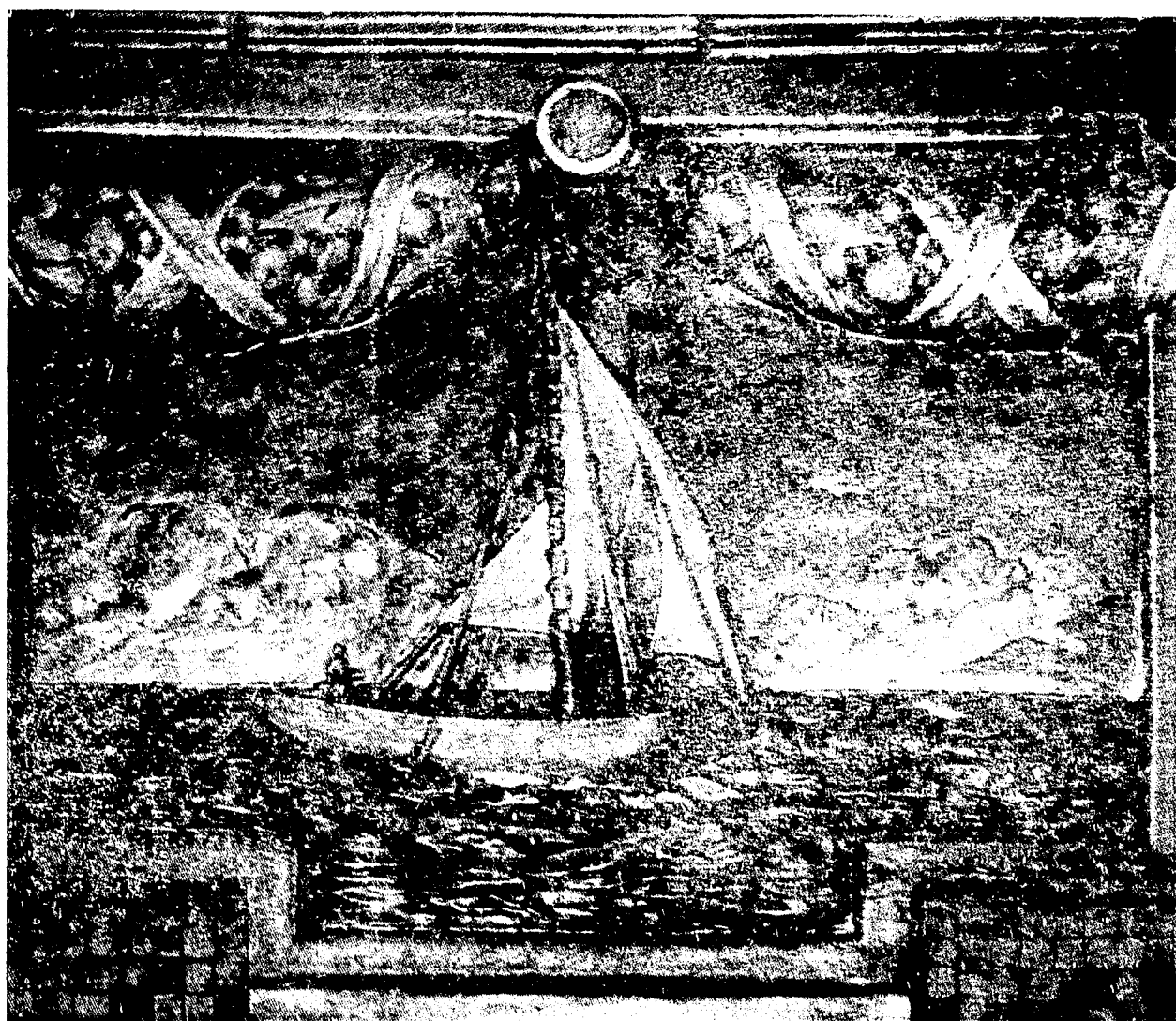
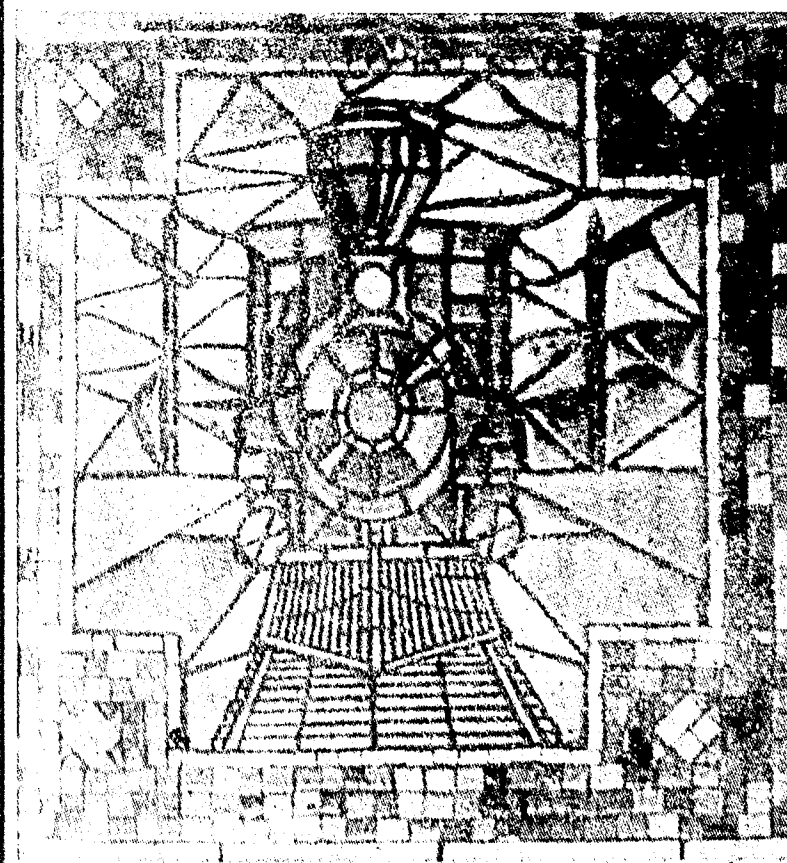
137th STREET (Broadway IRT): A relief of The City College Emblem in pink-painted plaster. During 1908-1909, the old North Campus and the subway were both under construction, and bedrock that was dug up from subway excavations on Broadway was used for constructing some of the College's buildings.

In Brooklyn the IRT Borough Hall Station is adorned with the tower of the Hall of Records, and the Clark Street station has a very colorful scene showing the waterfront and the Brooklyn Heights district.

Many of these art works are repeated throughout the original length of the station platform and are usually near the ceiling. Some are framed in grossly ornate high reliefs of fruit chains, leaves, rope, and flowers.



SUBWAY ART SHOWN ON THIS PAGE:
ABOVE LEFT: 137th Street (Broadway IRT), **ABOVE CENTER:** 116th Street (Broadway IRT), **ABOVE RIGHT:** Astor Place (East Side IRT), **BELOW LEFT:** Grand Central (East Side IRT), **BELOW RIGHT:** South Ferry (IRT).



Graffiti Painters Highlight Happening

"You can't ignore 200 people going crazy with paint," said an enthusiastic happenner at Technology Council's March 9th "Happening."

The event, held simultaneously in the Quadrangle and Bittenweiser Lounge, attracted well over 300 people. The scene in the Quadrangle was composed of paint being sloshed about to the deafening sounds of the "Fugs" and "Mothers," and to the frantic chants of Paul Armei's bagpipe. In Bittenweiser, the Lotus Eaters played their own particular brand of folk rock, thrilling the hundreds of onlookers.

The activities at the Quadrangle commenced with Ken Flaxman, Tech Council President, chanting over a megaphone, "Tech Council is happening, now. Now. Now." People soon converged on the Quadrangle, being greeted by Jeff Grossman attempting to fly a kite, and the electric sounds of the Mothers in "The Son of the Monster Magnet." People looked around, frantically, for the group producing the noises, only to find that it was pre-recorded. Sensing the presence of brushes and paint, people soon began to put them to good use. Like a plague, graffiti soon enveloped 50 yards of canvas, side-

walks, no parking signs, and lamp-posts.

From the tone of some of the graffiti, it is clear that students of the School of Engineering and Architecture were involved. Things like "CCNY Engineers Are Tops," "The Architects Will Save the World," "Smoke BaNa2," and "LSD — Better Living Through Chemistry" are obviously tech student products.

Other, broader based, comments appeared: "King Kong Died For Your Sins," "The Fugs Beware of Lesbian Dwarfs," "Stamp Out Engineers" (later changed to Engineer Haters), "Rape Martha Washington for Mother's Day," "English 21 Does Bad Things," and "Love is Obscure." The mixed political affiliations of the group were apparent in a "Victory in Vietnam" sign, first appended to be a "Victory in Vietnam for Viet Cong," then "... for Viet Cong Aggressors." Viet Cong was then crossed out and U.S. substituted. Finally, S.R. was added to the U.S. and the sign emerged as "Victory in Vietnam for U.S.S.R. Aggressors."

Asked about the happening, Flaxman, who coordinated the effort, said that it was "a big trough." When asked to define a trough, he stated that "a trough is a large groove."



The Happening — Paint We Must

Inquiring Technographer

(Continued from Page 4)

Joel Boyarski, Upper Junior, M.E. If girls want to enter the engineering field, I don't see any reason to prevent them. But I cannot picture a girl willing to devote her whole life to engineering, a necessity for engineering. I think girls could present new ideas in fields such as statistical analysis. Girls would also increase the interest in laboratory courses, especially if you happen to obtain one as a lab partner.



Morty Plawner, Upper Junior, Mech. Engineering. Naturally, in today's society, the girls do not plan to become the bread-winners of the family, and therefore they seek careers in a field of less serious nature than engineering. Engineering requires more dedication than the average girl is willing to give.

Advertisement

ENGINEERING POSITIONS

Patent Scaffolding Co., a Division of Harsco Corporation, and a leading manufacturer and supplier to the construction industry, has a number of position vacancies in Long Island City, New York and in its branch offices in principal cities of the United States for civil and engineering graduates.

Several of the positions available involve specific assignments in the design and layout of shoring and formwork for concrete structures, while other assignments involve varied and interesting design and layout work relating to scaffolding manufacture and its use on major construction projects throughout the country.

The characteristics of the company's organization and its structure of branch office operations throughout the country make these positions particularly suitable for engineering graduates who are seeking work assignments in small engineering departments.

For those whose interests and aptitudes lean in the direction of sales engineering and ultimately branch and general management, these positions provide an excellent opportunity in a growing organization that continues to advance its position in the construction industry through a progressive program of expansion of product lines and distribution. With a continuing prevalence of opportunity, the individual's growth in this direction can be expected to be commensurate with his personal development.

If you are interested in reviewing the potential that one of these positions may be of mutual benefit to you and the company, please write Mr. A. C. Borgman, Vice President—Engineering, Patent Scaffolding Co., Division of Harsco Corporation, 38-12 12th Street, Long Island City, New York 11101. An equal opportunity Employer.

Advertisement

ME's Form Student Faculty Committee

Mechanical Engineering students are forming a student-faculty committee in order to establish better relations between the professors and themselves. The committee is now only a steering committee appointed by Pi Tau Sigma, the M.E. Honor Fraternity, and A.S.M.E. The first function of the committee was a faculty coffee hour on Wednesday, March 8.

The purpose of the committee according to Jesse Walden, president of A.S.M.E., is "to get upper and lower classmen together with faculty members on an informal, non-classroom basis." He

indicated great support from the M.E. professors, notably Professors Blischoff, Jiji, and Steinhauser.

The questions the student discussed with the M.E. teachers, said Walden, included why the department refuses to release teacher lists before registration, and why the department has not released old examinations since 1963.

The committee is sponsored by The American Society of Mechanical Engineers, the Mechanical Engineering Department and the Danforth Foundation—a national organization dedicated to helping schools improve student-faculty relations.

E&A Awards Announced

Many Engineering and Architecture students are eligible for the prize and scholarship listed below. Applications will be welcomed by the Committee on Awards.

An application blank may be obtained from Miss Brown, Room T112, Steinman Hall. This should be filled in and returned before March 30 (or before April 15 in the case of the Lubetsky Scholarship).

ELIZA FORD PRIZE

The income from a principal sum of \$5,000 will be paid each June to that student of the School of Engineering and Architecture who is most generally deserving and who shall have

done the best work during the period of two years preceding the award. This prize was established in 1921 in memory of Miss Eliza Ford, a faithful and efficient public school principal in Brooklyn.

In selecting the winner, the Committee on Awards interprets "best work" to include both scholarship and extra-curricular activities.

BENJAMIN LUBETSKY MEMORIAL SCHOLARSHIP

The Benjamin Lubetsky Memorial Scholarship is awarded each year to a deserving full-time student of engineering in need of financial aid.

CRITICAL DEFENSE POSITIONS

Engineers

- Chemical
- Mechanical
- Electronic
- Aerospace

The Solid Propellant Field Offers You-

A challenging, enlightened, and rewarding future with opportunity for further study, professional atmosphere, project responsibility, and management experience.

Naval Ordnance Station Indian Head, Maryland

formerly

U. S. Naval Propellant Plant

WEDNESDAY, 22 MARCH 1967

Interviews will be held on Campus. Contact your placement office for further information.

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