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CITY COLLEGE OF NEW YORK

OL. XXIV - NO. 6

TUESDAY, DECEMBER 6, 1966

STUDENT FEES

Engineering Seniors To Take Part In IBM Registration Experiment

v KENNETH FLAXMAN

n experiment in computerized rmination of students' prons will take place in January, Graduating seniors in Enmeering and Architecture will eive, about four or five weeks r their normal registration, a gram sectioned by computer will be asked to evaluate the

his plan was outlined to Techgy Council at its meeting Deber 1, by Mr. Papoulas, Regar, Dean White, Curricular dance, and President Gallag-A committee consisting of 5 lents, to be selected by Techbgy Council, and Dean White, Papoulas, Mr. Elder, director he Computation Center, and er school officials concerned registration, has been formto determine the method of uating the January registraexperiment, and to consider ner experiments along these

raduating Seniors in Engiring and Architecture were cted for the experiment beuse they represented a small, to get them to the instructional ageable group. All had presly indicated the courses they ld be taking on an election Being seniors, they would he most competent group to uate the computer sectioned

nce September, 1965, the **b**ol has had a computerized stration. Previously, data on stration had been compiled ab cards, which created the lems of time, space, and ac-

September of 1965, the work by tab cards was accomed by computer. The compuproduces class rosters for the htly greater time is required |



L to R: Professor Avallone, Mr. Papoulas, President Gallagher. Gallagher explains experiment.

Grade report sheets, in quadruplicate are furnished to the instructor. These machine readable forms cut down the four times which an instructor had to transcribe a grade, to one time (two copies for the registrar, one to be posted and one for the departmental records).

According to Mr. Elder, the near future will see the computer producing course fee totals for non-day session students, billing for graduate students for their fees (eliminating fee paying for grad students at registration) a semester grade report for each sections at the college. These student, and SSS109 (student deavailable for the registrar on ferrment) forms. At the next regfirst day of classes. (Due to istration, it is expected that the problem of distribution, a totals of students who had regis-

(Continued on Page 4)

Election Results

The following candidates won election to the Student-Faculty Committee last Friday: Jerry Ostroff (382); Ellen Turkish (374); Bart Grossman (321); and Dena Seiden (282).

Jerry Ostroff expressed hope

Yang Hits Arch. Dept. Resigns in Protest

Professor Hanford Yang of the | Yang is "one of the best design Department of Architecture has teachers in the school." submitted his resignation because of the "constant rules and regullations created out of mediocrity and set upon the students and faculty members that are unreasonable, arbritary, and confus-

The letter of resignation, effective for the spring term also cited a "lack of improvement in architectural education at the School" in the past 3½ years that he has been teaching here.

Professor Yang is a graduate of the University of Pennsylvania with a Masters Degree in Architecture from M.I.T. He has won numerous design competitions, the most recent being the Brooklyn Borough Hall Square competition.

His resignation comes from an unsuccessful attempt to "raise the standards of the school" and personal conflicts on administrative policies with the chairman of the department.

Professor Yang has been offered a full professorship at Pratt In-

Yang accused the department of demanding "asskissing" of its teachers. As an example, he stated that faculty members have to perform odd-jobs for the chairman of the department, and are threatened with being skipped over for promotion if they refuse to do legwork.

He further stated that in all of the schools that he has taught, including the University of Washington, the Boston Architectural Center, and M.I.T., City College has the lowest standards of design.

The Appointment Committee, Yang charged, is a "private club. Buddies and business associates are hired but talented professors don't have a chance of being hired."

Other complaints he leveled are against the model shop, which he says can be used to build a house but not a model. Yang also objects to the mandatory attendance of seniors in the design rooms, and the inaccessibility of the dark-

Professor Bischoff, chairman of the department, in accepting According to "Footings" the Yang's resignation, had no comarchitectural periodical, Professor ment.

Eng Grad School Grows

By STU PERSONICK

gram in engineering is still in an cause many students work in the embryonic stage. Its standards daytime and would require are rigorous and no PhD degrees courses at night regardless of have yet been granted.

that S.G. and the Committee for thesis work increases every year; are also due to a lack of instruc-Campus Reason winners - Os- and each year, new projects tional talent which can be ditroff, Grossman, and Seiden - spring up. Many of the profes- verted from the undergraduate will be able to work together. The sors who lecture in the day time, curriculum. only S.G. winner was Ellen Tur- carry graduate courses as well. kish. 1019 ballots had been cast. Most graduate courses are given

The City College doctoral pro- | at night. This is true partly bewhether or not they were given The number of candidates for in the day. These night courses

> The graduate school offers various kinds of financial aid. These include all of the standard Federal fellowships such as the N.A.S.A. and the N.S.F. grants. There are also a limited number of teaching and research assistantships available to qualified students.

Many of the current graduate students attend on a parttime basis. Many of these students were originally only going for a masters degree. Some students also lecture in the undergraduate courses for only three years, combined with the parttime nature of studies by most students, is largely responsible for the lack of any PhD degrees being granted at this time. A few degree candidates are on the verge of submitting their theses and delivering their defenses.

Requirements at City for a PhD are approximately sixty course credits and the passing of architecture students to various a qualifying exam. A thesis and high schools to help promote the a defense as well as a final exam

> The qualifying exam is given in three or four parts over a multiday period. It tests the candidate's knowledge of general engineering and of specified fields. Passing

(Continued on Page 4)

Room Changes in Finley **Anger Tech Council**

December 1, Tech Council | will still have just one studio, d office changes in the Finley ent Center.

de office space with two r clubs.

eviously, they had asked for pom with two sound-proof gos, one for the broadcaster, one for the engineers, and adnal outside office space where could have about three desks, two record filing cabinets.

e room changes will move up to room F418, where they general.

sed a resolution expressing its and will now have to share the other clubs.

In another change, TECH veral member organizations NEWS was moved in with VEC-mech Council as well as certain TOR, the College's award winning members stated their disap- engineering magazine. A member al. The members of WCCR, of VECTOR stated, that to put College's raido station were two publications in the same room held next term. cularly up in arms. The club would create chaos. He said that w located in F331, where they the two publications' copy and on the fact that last year's "Day" their studio, and share their advertising would inevitably get mixed up. Also the two would probably have to use the typewriters at the same time.

Tech Council itself was moved to a smaller office to be shared stating that in order for it to be with the Executive Development a greater success, numerically, Club. This, as well as some of the experienced students would have other changes, was looked upon to run it. If E & A Day would be by some of the Tech Council held every two years, there members as a slight on the Council itself and on engineers in

Eng Depts Vote Yes: E&A Day to be Held Engineering and Architecture and discussed the situation for Day will be held next term in two hours before it was finally the middle or late March.

On November 14, a meeting was t dissatisfaction with the pro- outside office space with four held between Dean William Allan, faculty from the various technology departments, and the student members of the E & A Day committee. The purpose of the meeting was to decide whether or not an E & A Day would be

The main opposition was based was sparsely attended. Out of the hoped for thousand plus attendance, perhaps two or three hundred actually came.

The students countered by wouldn't be a continuum of leadership.

The students and faculty argued cluding exhibits and finance.

decided that the individual departments would vote on the matter at their next faculty meetings. On Friday, November 18, the voting was tabulated, and all of the departments that had voted, voted in favor of having the

"Day." On Thursday, December 1, the student committee met to discuss the specific details that would have to be arranged. The emphasis was put on publicity and the various new methods that could be employed. Such things as sending City College engineering and event were discussed. There was are also necessary. also talk of inviting "big name"

speakers to talk at the "Day." The full student-faculty committee will meet on Thursday, December 8, to discuss matters in-

Tuesday.

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Professor Yang

The resignation of Professor Yang brings to light the deplorable state of affairs in the Architecture Department. Last year's student complaints seem to have been largely forgotten. The students' march of last Spring has also seemingly been brushed aside. Perhaps the loss of an extremely qualified and well-liked professor will force the department to reevaluate itself.

Some of Professor Yang's statements seem over emotional and over stated, but his opinion and actions must be respected as sincere. What he has said, has been said before by many people. We hope that his resignation will force the people in power, Professor Bischoff, Dean Allan, and President Gallagher, to move to correct the problems that have been stifling the growth and improvement of the department for years.

IBM Registration

Computerized registration is dynamite. It can be of tremendous benefit to the students if it is properly controlled, or can explode in their faces if the proper precautions are not taken.

I.B.M. machines can work out with ease schedules of all the students. The needs of individual students can be worked out through careful programming. The question is one of how much time, talent, and money can and will City College expend on this program. Experiments to find out how this program will work will be conducted this February. The administration has thus far shown a careful and intelligent respect for the unknowns. We hope that this attitude will

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Grad Reps

Representatives of the Harvard Graduate School of Business and the Northeastern University Graduate School will be on campus in December to interview upper classmen in all degree areas who may be interested in applying for admission to their respective Graduate Schools.

Mr. Flowers, Director of College Relations at the Harvard Graduate School of Business, will be present on Tuesday, December 6th, and Mr. McKenna, Assistant to the Dean of Northeastern University will be on campus on Wednesday, December 7th.

Arrangements have been made for a general discussion meeting from 1:00 p.m. to 2:00 p.m. on Tuesday, in Goethal's Hall, Room 206 and on Wednesday in Goethal's Hall, Room 203.

Personal interviews will be held by Mr. Flowers from 9:30 a.m. to 12:00 Noon and from 2:00 p.m. to 4:00 p.m. on Tuesday. Mr. McKenna will conduct his interviews from 2:00 to 4:00 p.m. on Wednes-

All appointments for personal interviews should be made through Dean White in the Administration Building, Room 208. The interviews will be held in both instances in Steinman Hall, Room T114.

Funds Sought For Memorial Library

A fund-raising campaign has begun to create a James Ruderman Memorial Library for the department of architecture at City College's School of Enginering and Architecture, it was announced by Sidney P. Gilbert, president of the Underpinning and Foundation Company.

Mr. Ruderman, a 1919 Civil Engineering graduate of City College, died earlier this year. He was responsible for the structural designs of more than 40 million square feet of office space in New York — about half of the highrise construction since the end of World War II.

reference library is expected to be of great help in the School of Architecture's accreditation. Five years old, the architecture program is eligible for full acceditation by both New York State and the National Architectural Accrediting Board.

According to Mr. Gilbert, more than \$20,000 has already been raised. President Gallagher has predicted that the library will be open by Feb. 1, 1967.

"Who's Who"

Applications for Who's Who Among Students in American Colleges and Universities are available in Rooms 123 and 152 Finley, and Room 100 Shepard

Eligibility for listing in Who's Who is based on scholarship, leadership and participation in co-curricular activities. Applicants must be eligible for graduation no later than August 1967. Applications must be submitted to the Awards Committee, c/o Mr. Edmond Sarfaty, Room 123, Finley, no later than 16 December

Inquiring Technographer

By PHILIP BURTON

Question: Do you think that | Dr. Gallagher has lost the confidence of the students as a result of his recent statements about feel sorry for him. He has lost campus politics?

Where asked: South Campus.

Larry Yermack, Lower Senior, Eco. If he hasn't lost the respect by now, he certainly should lose it. It's becoming increasingly clear from his statements that he wasn't misquoted and he wasn't misstated, ever. Without discussing his motivation, it's clear that the impact of his statements is to cast a communist pass over the Student Government and the students. His actions are unforgivable and all especially in view of the fact that he is continuing to make statements referring to leftists of Student Government. It is my sincere hope that students will realize what is being said and done to our campus and call on the President either to stop attacking students on the basis of supposed political beliefs or to resign.



Yermack

Tolkoff

Ellen Tolkoff, lower junior, Languages. Yes. The President of any university has an implicit obligation to represent responsibly that university. In his recent statements, by injecting unsubstantiated statements, Dr. Gallagher failed to do so. He thereby alienated those students involved in the sit-in, all of whom know that their protest was far from communist-oriented, and the antisit-in students, who strongly resent being "stigmatized."

Halona Wexton, lower junior. Political Science. I believe that The fund-raising committee President Gallagher definitely has hopes to raise \$75,550, to provide lost the respect of the students architecture students with a due to his contested remarks. special library in Compton Hall, Rather than attempting to underthe architecture building at City stand what the purpose of the College. The construction of a demonstration was, he seemed to throw the issue aside and, worst of all, he reverted to mere name calling. If he didn't argue with what we were expressing and attempting to do he could have at least treated us with the barest degree of respect rather than becoming the traditional name caller who plays in prejudice. I feel my club, the Young Dems supported the demonstration and were quite startled at his equation, to perceive his line of reasoning, that the demonstration equalled communism. What I was most disappointed in was his denial that the remarks were made. A man in his position cannot cry wolf one day, receive major press coverage and then not apologize but deny that he said what three newspapers and two TV networks quoted him as saying.



Wexton

Gabe

Norman Gabe, Upper Liberal Arts. Dr. Gallagher i a very unfortunate situation respect of many students beca of the manner in which his marks about student activ have been interpreted. I hope either retracts or further clar his rash statements.



Barbara Novack, lower ser English, Yes. I think he took easy out by broad labelling. tractions could not erase wrong. The papers took up line and did great harm to image. People still associate College with "the little schoolhouse" image of the We do not need any more publicity.

Howard Lauren, lower Psychology. I believe that Gallagher has most definitely a certain amount of prestig the eyes of the City College dents. He has lost the most the people who are, or will be most active in student activ Because of this lack of rappo feel much discussion will strained on all topics concer campus politics.



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By LENNY SOLOMON

Several weeks ago, Student Government called for a sit-in the Administration Building. The proposed reason for this vas because of the fact that the administration, and in paricular President Gallagher, had shown little enthusiasm oward the all-encompassing term "campus democracy."

The theory of "campus democracy" states that since the tudents are the life-blood of a university, they should be iven a voice in the decision making. What this voice should e is open to debate. Some think that the students only have he right to make suggestions. Others think that the students' ay should be on an equal level with that of the top adminisrators and perhaps that the students should have a veto ower over policy that it deems unwise.

The current idea in Student Government is that a comnittee should be formed, consisting of students, faculty, and dministrators to oversee all decisions handed down by the op administrators. This committee would then make recomnendations and submit them to a binding school-wide refer-

When someone mentions the term "campus democracy," is hard to say anything against it. After all, it is almost namerican to be against democracy on a college campus. Infortunately, however, the Student Government plan for campus democracy" is very misleading. In fact, in my mind, is essentially undemocratic.

First of all, how will these student committeemen be hosen? Will they be taken from the ranks of Student Govrnment, or will they be elected in a school-wide vote? Either vay, they will not be true representatives of the majority of ost definitely the students in this college.

In the last S.G. presidential election in the Spring of 966, approximately 80% of the student body failed to vote. are, or will be f those who did vote, perhaps thirteen or fourteen per cent student activent the total day sesion enrollment voted for the current S.G. lack of rapportresident. Now Mr. Sachs is probably looked upon as the cussion will tudent leader, but he can hardly claim that the majority of he students here elected him. The six committeemen in uestion would be even less representative of current student

> One could point to the draft referendum, where over 0% of the students voted. Was this, however, a typical turnut? Of course not. Besides the fact that this was one of the nost publicized events on campus ever held, the issue on and was one that deeply affected each and every male

> It is sad to say, but the current opinion of the majority students is one of apathy. Those 80% mentioned above oted not for president, but for apathy. This is a hard fact life, and even though the activists on campus, by definition rould thing these 80% wrong, they do not have the right to eam roller over them.

One can therefore see that the wording of the questions n any schoolwide referendum would be inherently nonepresentative. The questions would then be voted on, sup-osedly by the entire student body, and the outcome would ows where the e binding. In reality, the questions would be either passed defeated by a small minority of the students.

All of this is not to say that the students should have no oice in administration policy. Students have a duty to state pel plant poice in administration policy. Students have a supposed plant peir opinions on matters that affect them. A committee could be supposed to give selective and ge formed by Student Government to give selective and n-depth recommendations or counter-proposals on various mampus issues. This committee would have to be looked upon s what it would be, and that is an informed minority of udents who are interested in the welfare of the school. The committee, in all fairness, could not have any power except at of suggestion.

I have written what I think to be true and just. My whole rgument is based around one sad fact. That is, that most eople, for various reasons, do not want to become involved ith the society that is around them. This classic problem tonly affects this campus, but the country and the world

The demonstrators who sat-in a few weeks ago have been The demonstrators who sat-in a few weeks age in the Plans for oth lauded and roundly criticized. I, for one, did not agree ith their aims.

However, I respect them for one reason. They had the its to act on what they thought right. They became involved. erhaps if the rest of the people on this campus, as well as he rest of the people in the country would take an active and on the problems that confront society in general, the hole world might be a little better off.

Patty-lock for ME

Steinman Hall will encounter a in Steinman Hall. In the past 23 new problem in the near future years that he has been at City — the absence of any girls' locker | Colege, there have been 7 girl rooms. Within the next few terms, girl engineer Patty Leiman will be taking ME 108, the machineshop laboratory for mechanical engineers.

The ME 108 laboratory is considered the most "dirty" course in the engineering curriculum. Students are required to operate lathes, millers, shapers and other machinery which causes metal chips and oil to scatter all over, especially on one's clothing.

Male engineers sometimes change their clothing for this lab in specially provided boys' locker rooms in the sub-basement of Steinman Hall. These lockers also serve as storage places for their projects.

Patty Leiman will not have a locker because the engineers of Steinman Hall ignored the possibility of girl ME's.

According to Mr. Tomas Ferro, laboratory technician, this prob- her bell-bottoms, "Sometimes, lem has never been faced before 'maybe."

mechanical engineers. At that time the ME 108 lab was given in Townsend Hall and the girls used lockers in the Metallergy Lab that was just above.

Mr. Ferro suggested that Patty could use one of the cubby-holes in Room T32 if she wanted to change her clothing and could leave her projects in the technicians' office. He sees no problem with this suggestion since she will be the only girl.

Recalling some of the past female engineers that have graduated from City College, Mr. Ferro concluded that they are usually more dedicated than male engineers. He said that the girls have more of a reason to be in engineering than some of the men and are therefore more dedicated professional people.

When asked whether she planned on changing her clothing, Patty Leiman said with a rustle of

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Lunar No. 2 photos will be discussed. Film by NASA and slides Thursday, 12:00 P.M., Room 116 -Shepard Hall, December 8, 1966.

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Engineering Profs Registration Help Peace Corps

A Peace Corps Volunteer in Senegal wants to know the best method of using local bricks to erect a small school house. In Chile, a Peace Corpsman is working with local Indians who are paving their roads and wants to know how to set up a simple drainage system so that the roads won't be washed away when it

These are only two of a number of technical problems which City College engineering professors have been solving in recent months under a voluntary pro-Volunteers for International eign individuals and organiza- needing it.

(Continued from Page 1) tered for sections in all courses will be produced, and made available to registration personnel twice a day, to aid in the closing and opening of sections.

Computer Evaluation Of Individual Programs According to Mr. Elder, various

tions. No charge is made for the service by the college.

When a request is forwarded to the college from VITA, it is processed by Assistant Dean Demos Eitzer, of the City College School of Engineering and Architecture. From the more than 100 gram in which the college has engineering faculty members, he been participating. The program, selects an authority in the field and passes the problem along to Technical Assistance (VITA), was him. At this point, the faculty exset up by a group of engineers pert communicates directly with to provide immediate, practical the individual overseas who insolutions to problems encountered | itiated the request, to obtain addiby members of the Peace Corps tional details, if necessary. After and other Americans on overseas he has worked out the solution, assignments, as well as by for- he sends it directly to the person

lection exist. One is computerized sectioning, where no options are open to the student, the computer fitting everyone into random sections, providing the desired courses. An option easily included in this, would be to allow the student to register for blocks of free time, to allow the student to work, sleep or play.

Another form of computerized course sectioning is termed ideal sectioning: the preferences of each student are obtained and programs are produced to satisfy all students equally - perhaps providing 80% of what each student wanted. This is similar to the system emploled at the State University at Stony Brook. Stony Brook, however, has a considerably more elaborate computational center than we do, and only 2000 students; City has in the vicinity of 20,000 students registering for courses.

The purpose of computer utili- students.

forms of computerized course se-|zation is to save the time of the administrator and the teacher so as to enable them to devote more time to the education of the student. Computerized sectioning of courses offers this advantage but creates other difficulties.

Most students, at least in engineering, choose their program on the basis of teachers, rather than on the basis of hours. Some students would rather not register for a course, than be fated with a teacher they dislike, or are scared of. Computerized sectioning of courses, aside from the "ideal sectioning" concept, provides little choice as to teachers. Ideal sectioning would — but it should be noted that (1) this would require the compilation and issuance of tentative teaching lists earlier than presently, perhaps at the very beginning of the preceding term and (2) the present computer would be strained, perhaps beyond its capacity, to produce ideal sectioning for 20,000

Grad School . . .

(Continued from Page 1) this test allows the candidate to begin research.

The period between initiation of graduate studies and complet ing course requirements should be about two years. Thesis work if pursued on a full time basis should take one additional year

Most professors would rate th graduate school as second leve It is not up to M.I.T. or Stanford but in many fields it equals Col umbia, N.Y.U. and similar schools A very strong field in the elec trical engineering department i the theory of optimal control sys tems. Other fields of research in clude electron-light interactions and network theory. The en gineering department encourage students to take courses in mather or 18. The matics and physics where application made th able. Work in other engineering eering as departments include: magnetohy A Day) dro dynamics, plasma dynamics tee. polymer theory, and advanced themodynamics.

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