

VOL. XVI --- No. 6

MONDAY, MAY 7, 1962

222

BY STUDENT FEES

January Graduation "Extremely Unlikely"

By LOUIS LOTH

What is the possibility of the Office, the number of graduates mid-year graduates having commencement exercises at the time they receive their degree? This was the question asked of President Gallagher at an interview for TECH NEWS on April 12. 1962. The answer — "extremely unlikely."

At present, the college holds a single graduation exercise, in the Spring semester, and asks all of the graduates for that year to attend. The ceremony often involves the graduates from the preceding Fall and Summer, in addition to the current Spring. The graduation exercises take place in Lewisohn Stadium, and in the past the stadium has been filled to capacity with 17,000 people. All participating graduates are given 4 tickets, "two for the parents, one for the girl friend, and one more to use as the graduate sees fit," according to President Gallagher.



PRESIDENT GALLAGHER

last January was 553, including Engineering, Liberal Arts and Science graduates. In contrast to this, the graduates last June numbered about 1100, including 235 engineering students. Many BBA degrees were awarded at this time, but are not included in the above count. Even though the total Spring class more than doubles the mid-Winter class, in the past four years only 30 more engineers have been graduated in June than in January.

(Continued on Page 3)

ME's Hear Lecture **On Shock Packaging**

On May 1 at 7:30 P.M. in room S126 on the City College campus, Mr. David Ehrenpreis, a nationally known consultant in packaging techniques and a grad-' uate of City College delivered a talk on Shock Packaging.

The talk was sponsored and arranged by the Machine Design Division of the Metropolitan Section of the American Society of Mechanical Engineers.

There were two faculty members present at the lecture, Prof. A. Baldo of the Mechanical Engineering Dept. at City College, who is present chairman of the Machine Design Division, and Prof. H. Burns also of the M.E. Dept. at City College, who is the vice chairman.

The May 1 meeting repre-

SG Elections Begin No "In-Class" Balloting Small Vote Expected

Four days of balloting will bring to a close one of the most controversal elections in SG history. In sharp contrast to recent elections, this year's election is characterized by strong disagreements amongst the candidates regarding major issues. Approximately 1000 votes fewer than those cast in last term's election are anticipated because of the

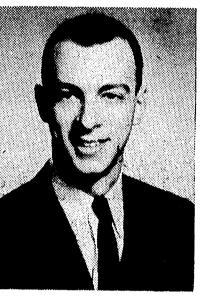
Vector on Sale Tues. Final Issue of Term

By TED SEMEGRAN

The fourth issue of Vector for this school year will be sold starting on Tuesday May 8. It features three technical articles, by three Vector staff members, which should be acceptable to all engineers regardless of major.

"High Energy Metal Forming Processes" written by Lawrence Presser presents a discussion of the new metal forming processes which are now industrially utilized. The three forming processes descriptively presented are high explosive forming, high energy impact forming, and high energy elective forming. The second featured article entitled Engineering Reliability is a mathematical adventure into the area of probability and reliabilities of engineering function and design. Written by David Van Bleckum, it is a very profitable piece to add to your mathematical background.

"Lasers and Masers," co-authored by Dan Davis and Anthony Genna 'reveals the history and significance of "stimulated emission." the concept upon which



ED ROSENTHAL Editor of VECTOR

article summarizes the latest information of its uses in interplanetary communication, television broadcasting and medical sterilization as well as the correction of retinal defects.

Also accompanying these features is the "Engineering Highlights" section which includes such topics as an "Ultrasonic Corona Hunter," and ceramic batteries that operate mainly at lack of "in-class" voting.

All three candidates for the presidency have sufficient experience in SG and knowledge of Student Council to insure a successful fulfilling of the office. However, the Independent Reform Ticket (IRT), headed by Al Blume has by far the most developed and well thought out platform. In close agreement with his opponents, Mr. Blume strongly stands against tuition and proposes to instigate pressure on local representatives to restore the mandate forbidding tuition at any of the City University's member colleges. He feels that as a University we are entitled to monies for graduate studies and he intends. through parents, relatives, and c friends of students to seek city, state and private funds.

Blume for President



When President Gallagher joined the college in 1952, a study was made in order to determine whether City College should continue to hold midyear commencement exercises. It was found from this study that relatively few students were eligible for graduation after the fall term, and that this number was continuously decreasing. When asked if this trend has actually been followed, President Gallagher said that "new studies would have to be made, but the many factors against two ceremonies would make it difficult to go back to that procedure.

The college has no facilities for holding the large audience that_gattends a graduation, other than Lewisohn Stadium. This can't be used for a mid-winter ceremony. When asked about Great Hall, President Gallagher said that it would be restored to its original decor once the new Tech Building is opened, and the Library is moved, but the Hall still could not hold the large crowd.

According to the Registrar's

sented a first trial at holding a lecture for a student audience. It is hoped that at future meeting there will be a mixed audience; part student, part practicing engineers. Four practicing engineers were in the audience on May 1.

Ordinarily in the past the Machine Design Division has arranged for speakers or plant trips with regular, practicing engineers in mind and the audiences were composed of these industrial people.

There are general purpose affairs sponsored by A.S.M.E. aimed specifically for combined audiences of student and practicing engineers. The May 1 type of affair sponsored for a specific division, would differ from the general purpose affair in that talks given by the speakers would deal with specific areas of Mechanical Engineering; in the present case Machine Design.

In one sense, the concept of shock packaging is an old one. When early man folded his robe and sat on it in his parring vehicle, he was attempting a crude form of shock packaging. Nu-(Continued on Page 3)

the maser and laser are based. With a detailed description of laser and maser applications, the

TC Positions To Be **Included** on SG Ballot

By SAMUEL S. EIFERMAN

This week, as you vote for your choice in the Student Government General Election, you may notice that something new has been added. That "something new" is the Technology Council ballot which will be distributed 'only to Technology students.

The ballot resembles the Student Government ballot and the same rules that apply to the Student Government ballot will apply to the Technology Council ballot.

The rules governing the voting are: A person can only vote for candidates running in his own class and a person can not vote for more than the amount of candidates stated on the ballot for his class.

There are two seats open in

temperatures in excess of 650 degrees C. for maximum effectiveness.

the class of '66 and two seats open in the class of '65 while only one seat on Technology Council is open in the class of '64 and the class of '63.

Running uncontested for the one seat in the class of '63 is Ted Berg. Since Ted is running uncontested for this position Technology students in the class of '63 will have to vote either yes or no on the ballot for Ted. If Ted gets more no votes

than yes votes he will not be elected and the Technology Council seat in the class of '63 will be without someone to serve in it.

In the class of '64, where there is only one seat open, there are two people running for the position. This seat is the only (Continued on Page 3)

ALAN S. BLUME

Perhaps the most controversal issue in this election is the right of SG to participate in off campus activities. Should SG endorse fredom rides or support "Woolworth sitins"? Mr. Blume states that the I.R.T. is against SG participation in any activity off campus that would be detrimental to any CCNY student. When questioned regarding the interpretation of the word "detrimental" he stated that this interpretation would have to be done by Student Council, but that he personally had in mind the specific example of the jeopardization of employment opportunities due to certain

(Continued on Page 2)

NEWS TECH

Monday, May 7, 1962

MAY 12

Tech News Endorsements . . .

(Continued from Page 1)

Page Two

"rumors and feelings" regarding the C.C.N.Y. political attitude.

Mr. Blume feels that for now we should continue participating in the National Students Association but that SG should firstly, investigate the values of NSA to CCNY and secondly, inform the student through the press about its activities.

Discount Service

The most beneficial and easily obtained plan in the I.R.T. platform is a "discount service." Mr. Blume reasons that many larger retail stores, theatres, sports arenas, etc., would, if contacted by SG, give discounts to college students. This would be in return for the free advertisements the establishment would receive at the college. He wonders why this system has never been tried.

Tech School Matters

The I.R.T. advocates the reestablishment of the Student-Faculty Committee on the School of Technology. This committee has in the past proven of immense value in planning and coordination of events in the Tech School.

Mr. Blume feels that Tech Council should have original jurisdiction on Tech organizations' constitutions. This power, if given to TC, would strengthen the meaning of this council to the tech student. This power now belongs to SG, but he feels that just as IFC has demonstrated its ability to maintain this power concerning fraternities and sororities, TC should be given its due powers and responsibilities.

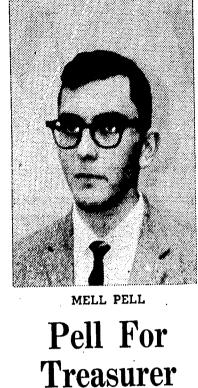
Student Press

While Mr. Blume feels that the student press should have a sense of responsibility, he cannot see how withdrawing student activity fee subsidation could help accomplish this goal. If anything it would encourage sensationalism to help sell the paper. Because of the importance of the press in maintaining a "collegiate life" and in keeping the student informed of

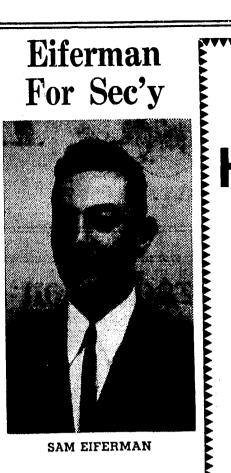
Bloom is the most qualified. The experience in SG and on the executive council that he has will be of extreme value in helping fulfill the plans of SG. It is felt that the V.P.'s duty is not to set policy but to coordinate activities, and therefore our endorsement has crossed party lines.



IRA BLOOM



Mell Pell, running unopposed has vast experience in matters of interest to the Tech School. He has been on TIIC, served as editor-in-chief of TECH NEWS; and has experience in Student Council. He has continually exhibited those qualities we believe of utmost importance to a SG officer; namely, reliability, a willingness to work and sound reasoning in his judgments. He is a senior ChE student with well over a B average.



Mr. Eiferman's vast experience in many organizations in the school and his familiarity with SG justify his election to office. He has served effectively as Technology Council Secretary and was one of the individuals responsible for the revival of spirit in Tech politics. Furthermore, he has repeatedly demonstrated his ability while serving as News Editor of TECH NEWS.

Career Cues:

"Whatever your major, make sure to include a course in 'people'!"

W. Emlen Roosevelt, President National State Bank, Elizabeth, N.J.

"If my college adviser had prophesied that studying psychology would some day help promote my career in banking, I'd have scoffed. Yet that is exactly what has happened. And when I think about it now the reason seems obvious. The facts and figures of banking, or of any other field, are mechanical devices. They take on real meaning only when related to people.

"Good psychology is also the basis of all teamwork. And, since most of today's business and scientific problems are too complicated for 'one man' solutions, teamwork is essential. If you want to be a valuable team player, and a likely candidate for captain, be the person who understands people. Learn what it takes for people to work together in harmony. Learn how to win trust and confidence. Learn basic human psychology.

"Bear this in mind, too. World tension, community tension, business tension, even family tension are the facts of everyday life. The more you know of human behavior, the better prepared you will be to deal with these problems.

"So, if you have the chance, take a course devoted to 'people.' Your class adviser can probably help you fit a psychology elective into your schedule. I don't think you'll regret it ... I know I didn't."



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events at the college he leels that the subsidy will have to be continued.

The Responsible Student Government Party, headed by Ted Brown, candidate for the presidency, also suggests that the newspapers should be subsidized. The party favors off campus activities, a personal opinion not mentioned in their platform, but dug out in interviews. They favor increasing the library hours and hope to pressure for the immediate construction of the science building. Mr. Brown is against tuition and intends to fight the problem through the Alumni Association. The party feels that the Student Activities Board should have proportional representation.

> Bloom For Veep

Of all the candidates for the vice-president's position Mr.

If flavor is your major satisfaction in smoking...

Have a real cigarette-Camel

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Recent Additions To The E.E. Faculty

stitute for four years. He finds

the students at CCNY "very

eager and willing to learn" and

enjoys teaching here more than

he did at Brooklyn Polytech.

Mr. Lawrence's experience in

industry consists of three years

with the American Power Com-

pany and, just before starting

at City, one year with General

Electric doing research for his

doctorate. He is now teaching

Mr. Lawrence is the father of

Oliver A. Rosengart

two girls, aged five and seven,

and resides in Teaneck, New

Jersey.

electrical machinery courses."



MR. ROSENSTARK

An alumnus of City College, Mr. Rosenstark came here after obtaining a masters at New York University and then working for three years at Norden Laboratories, where he was involved in theoretical investigations relating to inertial navigation systems. Although he finds that electrical engineering students are very good in their field, he regrets that the civil and chemical engineers are not too interested in their EE survey course.

A strong believer in the necessity of outside cultural interests and diversified activities for engineers, Mr. Rosenstark finds that many students lack these virtues. "Hopefully, the increased liberal arts in the curriculum will help make them better rounded individuals. The students themselves, however, not the college, have to make the effort." Needless to say, Mr. Rosenstark has many and varied interests; classical and jazz music, skiing, handball, fixing cars, and traveling being among them.

His wife is now completing her work for a Ph.D. at the Institute of Mathematical Sciences at NYU, and the couple have their home in the Bronx.

ASME Talk TC Elections Jan. Grads

(Continued from Page 1) merous examples of this sort can be cited. In the modern space age, the problem has be-

come of great importance. Modern Engineering methods are being brought to bear on the complex problems, and ingenious solutions are being devised. One can appreciate the complexity of some modern problems if one recalls the recent landing of an instrument package on the back-side of the moon.

Mr. Ehrenpreis, in his talk on Shock Packaging, led the audience from the concept and its importance, through the technology and definitions used by engineers. He went through (Continued from Page 1) contested seat in the election. Vying for the position are Ira Auerbach and John Dillon.

The class of '65 has two people running for the two seats. Valerie Declemente, chosen Honorary Cadet Lt. Colonel in the recent R.O.T.C. sponsor contest, and Joel Falk, of Hunt '65. The two seats in the class of '66 are being contested by Robert Held and Jerrold Mitzner.

simple analytical techniques and concluded with describing testing and methods.

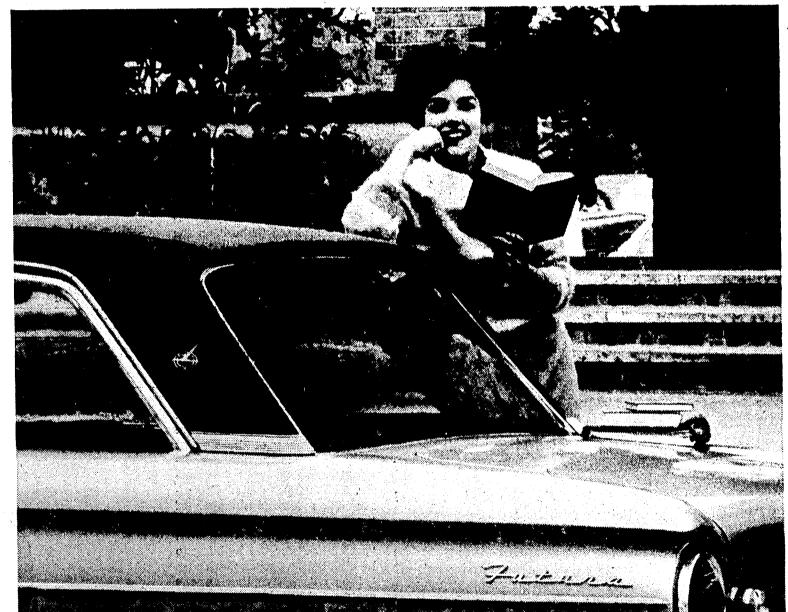
Following his talk, Mr. Ehrenpreis answered numerous questions, and exhibited various samples of commonly used absorbing materials.

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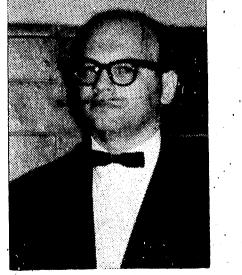
President Gallagher described the enormous work that is involved in planning and executing a graduation ceremony. He felt that while the people involved are happy to undertake this formidable task for a Spring graduation, in order to make the occasion a memorable one, it would be an imposition to have them go through the work for two separate ceremonies.

President Gallagher concluded "I strongly urge all eligible graduates to be present at the Spring ceremony, and join in the cap and gown march, and all the pageantry and ceremony that is part of a formal college graduation exercise."





Brown-oyed Jessica Darling certainly is. She's also a cheerleader at the University of Texas in Austin.



MR. LAWRENCE

Mr. Lawrence, like Mr. Rosenstark, started teaching here last fall. He has an A.B. from Columbia College and a B.S. in electrical engineering from Columbia. He got his masters from the Polytechnic Institute of Brooklyn, where he is now working for a Ph.D., specializing in electrical machinery. Mr. Lawrence was a member of the faculty of the Polytechnic In-

lives it up with this lively One from forp 62: the new falcon Sports futura !

Our Longhorn Lively One plays plano, is one of Texas' '10 Most Beautiful'' girls, and an avid Falcon Sports. Futura fan. This spirited compact handles so well you'll figure the controls should be indicated in Italian. New bucket seats are separated by a personal console, and the rakish "Son of Thunderbird" roof can be covered in vinyl. No wonder all the liveliest student bodies are cruising the campus in the new Falcon Sports APRODUCT OF Futura. See it, and all the Lively Ones at your Ford Dealer's ... the liveliest place in town! MOTOR COMPANY



Monday, May 7, 1962



Election Mechanics

Perhaps one of the most unfamiliar of all subjects to the Technology student is campus politics. The inner workings and hidden mechanisms of this facet of his life have remained buried beneath a cloak of self-spread secrecy. The Tech student is not aware of, and does not care about, the many decisions, refenda, and policies of their government. This is not as it should be!

As a first step in the right direction, the direction of enlightenment of the Tech student about S.G., we propose now to illustrate how a newspaper querries candidates for office and arrives at endorsements.

Far in advance of the actual interviews the election board meets and decides upon several key questions. In this election the following key questions were used:

- 1. What are your policies regarding off-campus activities of Student Government?
- 2. What are your policies involving the student press?
- 3. What are your policies on tuition?
- 4. Should Student Government involve itself with the procurement of monies for graduate studies at the college? If so, how should these monies be raised?
- 5. What is the purpose of the N.S.A.? (National Student Association). If none, why allocate student activity



To The Editor:

As is customary, the Student Government President is looked to for "words of wisdom" on the eve of student general elections. In the forthcoming elections, one candidate for the presidency stands out above the others. This man is ALAN S. BLUME.

Mr. Blume presents several terms of experience for the position which he seeks. He alone, of the three candidates, has presented a complete platform of proposals, and well thought through proposals at that. Mr. Blume has demonstrated the capability to effectively carry out the duties and responsibilities of the presidency. Finally, he more nearly mirrors the feelings and aspirations of City College students than do either of his two opponents.

Alan S. Blume deserves your support.

Yours, Fred Bren President The Student Government

Dear Editor:

Your edition of April 4, contained an article based upon'an interview with Professor Wilen of the chemistry department, whereas, I was quoted as having said "that it might be ten years before the new (Science) building is completed (if built on the site behind Klapper Hall)." I wish to clarify this statement. The remark was derived from a form of legislation of which I am the author. This was presented to the student council, and was to demonstrate student body support in the matter of the new Science Building and its erection on the site of Jasper Oval, rather than behind Klapper Hall which is in the ownership of the city. This seems to be the feeling of many of the student body and faculty who are directly concerned with this matter. The article quoted Professor Wilen (also a member of the Building Planning Committee) as expressing his personal "preference" for the building to be situated on Jasper Oval.

I do not believe that anyone can predict how long it will take to construct the building on the



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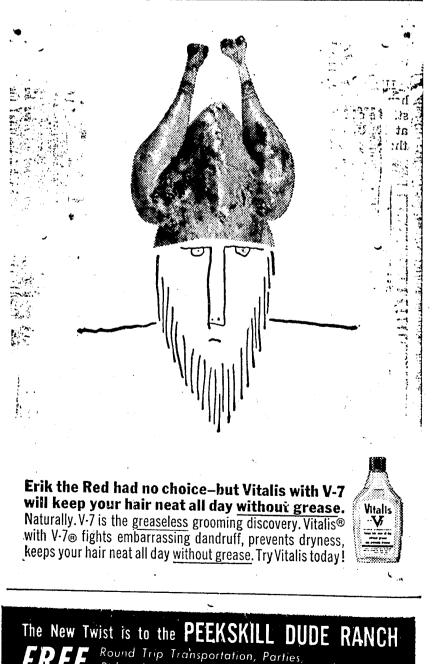
How come such a fantastic bargain? Simple. It's a nefarious scheme on our part. Once your hear one number from each of these exciting new albums, you'll want to get them all! While you're at your record dealer grabbing this bargain, tantalize yourself with these gems: NANCY WILSON/CANNONBALL ADDERLY...CLOSE-UP—The Kingston Trio...ONCE UPON A TIME—The Lettermen ... STARS IN OUR EYES—The Four Freshmen ... LINGER A WHILE WITH VIC DAMONE.

But don't just sit there. Rush out and get "Who's News!" at that 99¢* price! After all, how can you go wrong for a lousy 99¢?

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voting wl would ne been disc make the yellow st the name back of t happen to ley 152 an

This the election of both T among the didate for of TECH rather reland stick with the which we the grieva such a C finals on on Thurse commend

Never off-campu He states to the stu Governme Brown, or more mat are just a activities rather tha with from detriment could not of 8,000 st

I can accepting left for th promise, I lenge" wh congressm Free Tuit rage many their dist passed ov TECH NI appealing importance Mr. H

Mr. E ers" which yet my or his attitud ing and ir candidates records.

- money to C.C.N.Y. delegates?
- 6. How do you intend to increase the lounge facilities on North Campus?

While interviewing the candidates for office the editorial board also noted the following:

- 1. The physical appearance and mannerisms of the candidates.
- 2. The amount of self-confidence he radiated while answering the questions.

The six main questions were only presented to the presidential candidates, while the others were querried regarding their knowledge of the workings of SG and, with all due respect, their specific knowledge of the platforms they support. One would not believe the lack of knowledge regarding their own platforms by the subordinate candidates. In addition the candidates were given a chance to suggest any new programs they intend to institute if elected.

After noting the comments all the candidates expressed with respect to what we felt were the important issues the editorial board held its discussion. Naturally some of the members had preconceived notions regarding the candidates. Some of these held true while others were quickly dispelled.

Herb Berkowitz was immediately withdrawn from consideration for endorsement for the following reasons:

1. Mr. Berkowitz's appearance is extremely unkempt. We feel that a Student Government President should dress and always look respectable. The idea that the poor impres-

(Continued on Page 5)

two sites. But on the other hand, who can deny, the total number of years involved in the condemnation, relocation, and other various court procedures, connected with the new Science Building on the site behind Klapper Hall and that it would be extremely costly, considering the rapidly deteriorating condition of Baskerville Hall.

I therefore believe that Student Body opinion should be heard on this matter and that "TECH NEWS" should be congratulated for bringing this issue before the student community. One would hope that the student press, the student body, and indeed student government would not neglect an issue such as this, with which it should be so vitally concerned. The further expansion of the College should be of equal importance with an increase in student fees, a new student government constitution, or the closing of Convent Avenue to traffic.

Sincerely yours,

Howard Simon Student Council Representative '65 Mr. R to interest engineerin many of t able. Can of the mo is an oppo always ac tall or pac

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Page Five

FCHLIFE

By TED SEMEGRAN

Did you realize that as a block last year, the engineers decided the outcome of the S.G. election. Fred Bren of the Reform slate was destined to the presidency due to his endorsement by Tech Council and TECH NEWS. Another item in his favor was in-class voting which provided a good number of votes by engineers who would never have voted otherwise. This year, in-class voting has been discontinued and I wonder how many of the engineers will make the effort to go to a polling booth, flash his I.D. card and yellow student receipt card and then make a few circles around the names on the election agency candidates sheet. Just walk in back of the North cafeteria in view of Knittle Lounge or if you happen to be in Finley Center, go to the main entrance near Finley 152 and push your pencil across the paper.

This year, as in the last election, the engineer vote could swing the election in their favor but since no candidate has the backing of both Tech Council and TECH NEWS, the votes will be divided among the candidates fairly evenly. Alan Blume, a personable candidate for the Presidency, will be a Junior next year. The choice of TECH NEWS, Mr. Blume, is a moderate candidate who would rather relinquish the off-campus activities of Student Government and stick his guns toward on-campus matters. He is acquainted with the need for a Student-Faculty Committee on Technology which would be used as a complaint and suggestion group for the grievances of the engineer. I can cite one case for the need of such a Committee which would be to investigate the giving of finals on Friday May 25, when many engineering labs run till six on Thursday. Such a proposed revitalization to this committee is a commendable proposal.

Nevertheless, I disagree with Mr. Blume on his stand to limit off-campus activities as out of the scope of Student Government. He states that those off-campus activities which will be detrimental to the student body as a whole should not get the tag of Student Government of City College. I support his opponent's position, Ted Brown, on this matter. Ted Brown's philosophy on such matters is more mature and thought out. He believes that off-campus activities are just as important as cafeteria coat hooks and finds that such activities can make the student more aware of the world situation rather than the introverted student governments we are all familiar with from High School. Mr. Blume who would like to discourage detrimental off-campus support would be an unsure censor and could not tell what is good or bad off-campus activities for a school of 8,000 students.

I can only commend both Ted Brown and Alan Blume for accepting my challenge, if they should win, to the only method left for the "Free Tuition" cause — it's still not dead! Not a blind promise, but a great deal of work will be required in this "challenge" which will entail going to the districts of the New York City congressmen and senators (there are quite a few) who voted against Free Tuition at the City Colleges. Such a move would surely enrage many voters who are unaware of the Albany voting record of their district representatives. I was sorry that Herb Berkowitz passed over this proposal during the candidates interview at the TECH NEWS office and I can only assume that his method of appealing to the parents of the students at the colleges is of minor importance since they are already swayed to our cause.

Mr. Berkowitz as well as the other two candidates are "workers" which is a favorable title for members of Student Government yet my only qualm about Mr. Berkowitz as the president of SG is his attitude to the position which is reflected in his slovenly dressing and impulsive personality. Yet I can honestly say that all three candidates could be effective presidents as seen by their previous records.

Gr. 108 Class Tries Novel Project By MARTIN KAUFMAN

A small article in the March 1962 issue of Popular Science Magazine prompted Professor Olsen to start one of his classes on a novel and unusual design project — A Stair Climbing

Wheel Chair. The class is competing for a \$500 prize offered by the President's Committee on Employment of the Physically Handicapped and the National Inventors Council — both agencies of the Federal Government. The prize money has been donated by an anonymous private citizen.

The wheel chair must meet certain specifications. It must be able to climb ordinary stairs as well as be light, foldable, narrow, safe, inexpensive, and selfcontained. Over five hundred different designs have been submitted so far; however, none of them have met the severe specifications. Three have come close though, and these designers have been awarded \$1,000 consolation prizes. The class of nineteen has been working for over two weeks on this project. According to Professor Olsen, "Many of them (the designs) look good on paper and we're very optimistic."

The project will not only give the students experience, but will also be an exercise in creative thinking.

The students think that Professor Olsen has hit upon a good idea. Comments ranged from, "Its been very challenging," and "It's sure more fun than designing a jig," to "Everyone in the class enjoyed the project very much."

Carnival To Be Held on May 12

By SAM EIFERMAN

This Saturday, May 12, City College will be the scene of House Plan Association's annual Carnival. This event, open to all students at the college and their friends, has as its theme "RONDE LE MONDE: A CAR-NIVAL OF NATIONS." (French students will immediately recogtheme of this year's Carnival. The Musical Comedy Society will present two Revues, to be staged at the Music and Art High School auditorium: one at 8 P.M. and one at 11:15. President Buell G. Gallagher will be the Master of Ceremonies for the 11:15 show, at which time



Carnival Queen Ball Finalists. Front row, left to right, Arlene Greene, Carole Stirbl, and Tisa Chang. Back row, left to right, Alexanda Sodol, Karen Wolper, and Linda Rosen.

nize that Ronde le Monde means Around the World.)

Those who will attend this 23rd annual affair will see the greatest Carnival ever held on Campus.

The fifty fun-filled booths on the South Campus lawn will be open from 8 P.M. and dancing under the stars will feature, naturally, the twist. Each booth will represent a different country in accordance with the the Carnival Queen will be announced.

Tickets for the 8 o'clock show are priced at \$1.25 and \$1.50, for the 11:15 presentation \$1.50 and \$1.75.

Admission to the shows is by ticket only and all seats are reserved. Carole Lewis, last year's Carnival Queen, will be on hand to inaugurate the reign of the Queen of the 1962 Carnival.



Mr. Rosenthal, one of the editors of **Vector** asked me to appeal to interested students to write on one of the nationally recognized engineering magazines — **Vector**. Due to the recent graduation of many of the staff members of **Vector** many positions will be available. Can you think of a better opportunity than working on one of the most awarded magazines written by and for engineers. Here is an opportunity to start at the top. By the way, **TECH NEWS** will always accept your bodice no matter whether you are short or tall or pack a slide rule.

Editorial..

(Continued from Page 4)

sion he makes at first is due to his forthrightness is absurd. It is genuinely due to his slovenlyness.

2. Mr. Berkowitz had no prepared platform. Furthermore, when questioned on issues that we felt were of major importance he continually hedged his answers.

3. Mr. Berkowitz is a sensationalist. We feel that he might appeal to those individuals who are looking for specific answers to specific questions or to those individuals that are politically naive.

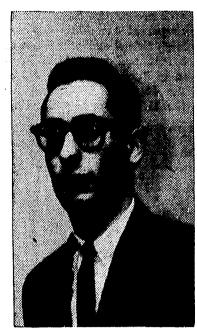
This reduced our labors tremendously. We had the general impression that Mr. Brown was sincere but that his major programs were devoted to areas that are of nc particular interest to the Tech Student, Mr. Blume was so well prepared in his answers that we felt he had given careful consideration to those ideas well before election time. In addition his platform was so well developed that we felt he was the obvious choice for the presidency.

TECH NEWS

Monday, May 7, 1962 Monday, **Ma**

CANDIDATE QUALIFICATIONS

Presidential Candidates



Deans List.

ernment School Affairs Com-

mittee, Student Government

Academic Affairs Committee,

Student Government Internal

Affairs Committee, Member,

Student Government Fee Com-

mission, Student Government

Moatride Committee, Advisor

to the Student Government Pub-

lic Opinion and Research Bu-

reau, Government and Law So-

ciety, Member, House Plan,

House Plan Leadership Training

Conference (twice), Grau '64

House Plan Council Representa-

tive, Social Director of Grau

'64, President of Grau '64, House

Plan Elections Committee—Fall

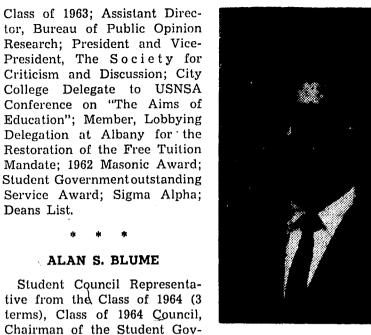
'61, Bowling, Softball and Foot-

ball Intramurals, CCNY Fresh-

man Baseball Team.

TED BROWN

Associate, Vice-President of Student Government: Member. Student-Faculty Committee on Student Activities; Student Council Representative; Chairman, Secretary of Student-Faculty Committee on the College of Liberal Arts and Science; Student Government Fee Commission; Student-Faculty Discipline Committee; Special Student Government Fee Committee; Student Government School Affairs Committee; President,



HERB BERKOWITZ

Member of the Student Council for two semesters, Chairman of the Student Council School Affairs Committee, President of the Class of 1963. Member of the Student Government Fee Commission for two semesters, President of the Society for Criticism and Discussion, Vice-President of the Society for Criticism and Discussion, Chairman of the Student Government Publicity Regulations Agency, Director of the Student Government Public **Opinion Research Bureau**, Member of the Special Student Government Committee on the Heald Report, Parliamentarian of the House Plan Association

Council, Member of the House Plan Association Managing Board Committee on the Metropolitan Inter-Collegiate House Plan Association Constitution, Member of the Student Committee for Hamilton Grange, Member of the Student Council School Affairs Committee, Vice-President of Wittes '63, Member of the House Plan Association Program Committee, Member of the Debating Society, Member of the Debating Team (Novice), Delegate to the Fourteenth National Student Association Congress.

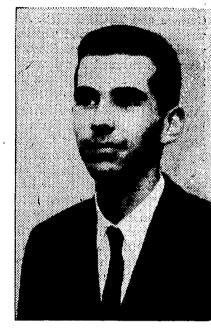
Vice Presidential Candidates

IRA BLOOM

Student Government Treasurer, Student Government Secretary, Student Council Representative, Finley Student Center Board of Advisors, Student-Faculty Fee Committee, Student Government Executive Committee (2 terms), Student Government Fee Commission (3 terms), Student Council School Affairs Committee, Varsity Debating Team, Wittes '64, House Plan Leadership Training Conference. *

MARK KESSEL

Student Council Representative, Class of '63, School Affairs Committee, Student Council Committee to Close Convent Avenue, Student Council Committee to Investigate Scabbard & Blade Incident, Economics Honor Society (Omicron Chi Epsilon), Alternate Representative to House Plan Council Social Chairman, Wittes '63.



ROBERT LEVINE

Associate Vice-President (for Personnel), Member, Executive Committee, Chairman, Publicity Committee, Member, Student Council - 2 terms, Member, Student Council Internal Affairs Committee, Member, Student Council School Affairs Committee, Member, Student-Faculty Bookstore Committee, Chairman, Public opinion Research Bureau, Member, Student Government Fee Commission, Member, Publicity Regulations Agency — 2 terms, Member, Service Agency, Member, Class of '64 Council - 2 terms, Member, Publicity Agency, Member, Graduate Scholarships Fund Committee, Treasurer, Railroad Club, Member, Young Democrats.

Pell For Treasurer

MEL PELL

Student Government Fee Commission, Student' Council, Student Council Internal Affairs Committee, Vice President of the Junior Class, TECH NEWS -Editor-in-Chief, Associate Editor, Features Editor, Assoc. Features Editor, Blood Bank Council—Vice Chairman, Chairman Publicity and Education Committees, Hillel Foundation -Council three terms, Co-chairman Major Concepts, Oneg Shabbat, and Marriage and Family Discussion Groups, Organizing Committee on the Council for Religious Forums, Tau Beta Pi, Pick and Shovel, AIChE.

CHEVROLLET CARS FOR EVERY FAMILY, EVERY BUDGET, EVERY TASTE

Chevrolet Want to pull out Chevy II Hungering for a car Corvair If you spark to sporty

all stops—except price? The Jet- that's lovely, lively, easy to park smooth Chevrolet serves up spacious, and pay for? Chevy II is all that, all gracious interiors, Body by Fisher right-and also winner of Car Life craftsmanship, Jet-smooth ride, new magazine's award for Engineering V8 vinegar or 6 savings—and more. Excellence! Parallel to the shore: On the ferry: an Impala Sport Sedan. a Nova 400 4-Door Station Wagon.

things this one ought to fire you up but good. With the engine weight astern, the steering's as responsive as a bicycle's and the traction's ferocious. As for the scat—wow! At the ramp: the Monza Club Coupe.



Page Six

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Committee

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See the new Chevrolet, new Chevy II and new Corvair at your local authorized Chevrolet dealer's

Candidates For Sec'y

SAMUEL S. EIFERMAN

Student Council representative - 2 terms, Student Government Academic Affairs Committee — 2 terms, Student-Faculty Bookstore Committee member — 2 terms, Student Government Boatride Committee - 1 term, Class of '64 council - 1 term, Student Government Social Functions Agency-1 term, Representative on the Technology Intersociety Interfraternity Council — 1 term, Freshman Advisor in House Plan Association - 1 term, Social Functions (Continued on Page 7)

KEN Presiden Fall 1961; sentative Faculty Fe gus, Pre-I Pick and S Contact.

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Secretary term, Me Committee 11/2 years, Class '63, E letter, Soc ter-fratern

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CANDIDATE QUALIFICATIONS

(Continued from Page 6)

Sec'y...

SAMUEL S. EIFERMAN

Committee of House Plan Association — 2 terms, House Committee of House Plan Association — 1 term, Athletic Committee of House Plan Association - 1 term, Attended House Plan Association Leadership Training Weekend - 1 term, School of Technology Standing Committee member — 2 terms, Circulation Manager of TECH NEWS — 1 term, Social Director of Klapper '64 - 1 term, Present Social Director of Dean '64, Present News Editor of TECH NEWS, Present Corresponding Secretary of Technology Council, R.O.T.C. Fife, Drum, and Bugle Corps member — 4 terms, Hillel member - 2 terms, Society of Military Musicians member - 2 terms, A.I.E.E.-I.R.E. member — 2 terms, Present Chairman of Technology Council's January Graduation Committee, Present Chairman of Technology Council's Committee for the Organizing and Sponsoring of Student-Faculty Teas.

MARJORY FIELDS

Student Council, Representativetive for the last three semesters, Delegate to the 14th National Student Association Congress (Summer, 1961), National Student Association Campus Coordinator for the last two semesters, Chairman of the Student Council Internal Affairs Committee, Representative of Student Government at three Metropolitan New York National Student Association Regional Assemblies (1960, 1961, 1962), Representative of Student Government at National Student Association East Coast Regional Conference (Spring 1962), Member special Student Government Committee to investigate the Heald Report (Fall, 1960), Delegate to the Metropolitan New York Region (NSA) Conference on Foreign Students in New York (Spring, 1961), Delegate to Conference on the Role of the Intellectual in Modern Society at Bryn Mawr College (Spring,



RICHARD WEISBERG

Secretary of Student Government, Member, Student Council, Chairman, School Affairs Committee of Student Government, Member, Class Council of '63, Member, Special Investigating Committee of Helsinki Youth Festival, Alternate Representative, Student-Faculty Cafeteria Committee, Delegate, East Coast Regional Conference of NSA, Beaver Broadcasters Club. Wittes '63.

Secretary '63 MYRON DANZIG

Junior Class Council ('63)-Secretary-one semester, Coun-Member - one semester, World University-Treasures-one semester, Publicity Chairmanone semester, Council Membertwo semesters, Hillel-Councilfive semesters, Speaker on Seminar, Major Concepts Group-Chairman, Portrait of the American Jew---Chairman.

RICHARD SCHWEIDEL

I.F.C. Service Committee, Blood Bank, W.U.S., Tau Epsilon Phi, Hillel.

President '64

RONALD FRIEDMAN

Class of '64 President-2 terms, Varsity Swimming Team. President of Klapper '64, Social Chairman of Klapper '64, and Basketball and Baseball Intramurals.

GERALDINE RHYNUS

Executive Committee of the Young Democratic Club-Chairman of the Réception Committee, President of Sis Briggs '65-2 terms, Member - House Committee of House Plan Association, Alternate Delegate to Region 1 - New York State College, Federation of Young Democrats, Staff of Young Democratic Club Newsletter.

Vice Pres. '65

MICHAEL ENGEL

SG Public Opinion and Research Bureau, Secretary, Dean '65, House Plan Council Rep., Member, Young Democrats.

Secretary '65

GAIL DORNFEST

Corr. Sec'y Class '65, in Fall term 1961, House Plan Council Rep. for term, Sec'y-C.M.C. **Central Management Committee.**

SANDY HALFEN

Member of House Plan Association-Sis Compton '65, Carnival Representative, Major Functions Committee, Representative of House Plan in Free-**Tuition Drive.**

Student Council

'63 Student Council

MARTIN FOGELSON

President - Government & Law Society, Vice President ----Government & Law Society, Executive Committee - Student Committee for Hamilton Grange, Cross-Country Team.

LARRY WEISS

V.P.A.A. Bd. 1961-62, Member A.A. Bd. 1960-61, Member Government & Law Soc. 1960. .

SUSAN ABEL

Member of Council Now-Junior Day Committee, Sale of Class of '63 Buttons, Will be working on publicity of Junior Day, Microcosm '62 — Faculty Editor, as editor of this section of the yearbook I have become acquainted with the problems and ideas of students and faculty in all the schools of the college, Beaver Deb Society-Service Society for the ROTC extra-curricular activities, Sian Club President - made up of mostly transfer students who are representative of large segment of the Class of '63.

ROBERT DIMINO

First Sgt in R.O.T.C., active member of Pershing Rifles, Intramurals Rifle Team.

RICHARD KANE

Serving as Recording Secretary of Technology Council, Charter member and charter Executive Committee member of the C.C.N.Y. Young Republican's Club. At present I am awaiting confirmation on a recent election in which the members of the club re-elected me to the Executive Committee.

STEPHEN STARK

Young Democrats Club, Member Beaver Tales - Editorial Staff Class of '64—Council Member.

GENE FECHTER

Musical Comedy Society, Big Brother, Freshman Day Committee, S.G. Cultural Agency.

'65 Student Council

PAUL BUSTAMANTE

President of Young Conservative Club, Staff member of C.C.N.Y. Cadet (Military Science newspaper), Staff member of the Guidon (intercollegiate Military Science newspaper), Member of Young Republican Club.

HERBERT GELLER

Treasurer of the Class of 1965, Member of Class Council 1965, Treasurer of Jolson 1965 House Plan, Engineering Highlights Editor of VECTOR, Member of North Campus Publicity Regulations'Agency, Delegate to Technology Council, Member of Jolson 1965 House Plan.

STANLEY LOWENTHAL

Member Public Opinion & Research Bureau, Pledge - Phi **Epsilon** Pi Fraternity.

'66 Student Council

SUSAN FISCHER

President of House -- Sis Spencer 65.5, Member of Major Affairs Committee in House Plan, Member of Carnival Committee in House Plan.

JOEL GOLDBERG

Book Review

Industrial Process Measuring Instruments by Grady C. Carroll, Consultant Instrument Maintenance and Process Control Engineering. 444 pages plus index; 331 illustrations; 6 x 9; McGraw-Hill; \$12.50. Publication date: March, 1962.

"Industrial Process Measuring Instruments" presents-in practical, non-mathematical termscomplete data on modern industrial process measuring instruments. The book covers the principles of design and application of a major portion of measuring elements used in such industries as petroleum, petrochemical, chemical, plant food, insecticide, paper, high energy fuel, and steam generating. A cross section of measuring elements manufactured by 45 instrument companies are included along with design information for certain types of devices such as differential pressure-producing elements, flumes, weirs, gas analyzers, liquid analyzers, etc.

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Among the topics discussed in the book are: differential pressure - measuring elements: fluid velocity-measuring instruments; mass and volume of flowing fluids and solids; pressuremeasuring elements; liquid level-measuring elements; speedand weight-measuring elements; specific-gravity-measuring elements: viscosity-measuring elements; temperature-measuring elements; analyzers (chromatographic, infrared, mass-spectrometer, and thermal-conductivity types); catalytic and paramagnetic oxygen analyzers; industrial-process plant instruments; refractometer and electrolytic hygrometer; pH measurements; and differential pressure-producing elements.

All the material is presented in consistent steps — principles of the instrument, operation, and application - and numerous well-planned illustrations help the reader understand the workings of all the instruments.

Grady C. Carroll is Consultant in Instrument Maintenance and Process Control Engineering. Formerly Chief Instrument Engineer in the Energy Division of the Olin Mathieson Chemical Corporation, Mr. Carroll is

President '63

Class

KEN SCHLESINGER

President of the Class of '63, Fall 1961; Spring 1962, Representative of Classes. Student-Faculty Fee Committee, Areopagus, Pre-Law Honor Society, Pick and Shovel, Sports Editor, Contact.

Vice Pres. '33

JOAN FARBER

Secretary of Phi Tau Alpha 1 term, Member of Executive Committee of Phi Tau Alpha 112 years, Present Secretary of Class '63, Editor of Junior Newsletter, Social Chairman of Inter-fraternity Council 1 year.

Vice Pres. '64

CARYL SINGER

Managing Editor --- TECH NEWS-4 terms, Student Council Rep. Class of '64, Treasurer Class of '64, President Sis Wittes - 2 terms, Jr. Varsity' team (girls') 1 term, School Affairs Committee, Student Faculty Used Book Exchange Comm.

Treasurer '64

JERRY PERLMAN

Dramsoc - Vice President, Caduceus member, Student Council Rep. Class of '64, Member Class Council Class of '64, Academic Affairs Committee.

President '65

ROCCO De STEFANO

Member of Publicity Regulations Agency, Member of Publicity Agency, HPA Programming Committee, HPA Camping Committee, Contact Staff, Government and Law Society, Newcan Club, Social Chairman of Lewisohn '6, Railroad Club.

MITCHELL ZIMMERMAN.

President, The Debating Society, Chairman, The Seventh Annual City College Invitational Debate Tournament, Member, Lock And Key Honorary Senior Leadership Society, Member, The Young Democrats.

'64 Student Council

ROBERT ATKIN

N.S.A. regional conference delegate, Picket leader at the line at the Board of Higher Education against the ban on controversial speakers, Picket leader at the line at Shep. Hall against the Ban on controversial speakers, Chairman of the City College chapter of the Congress of Racial Equality, Chairman of the now non-existant Ad Hoc Committee for Academic Freedom.

Member, House Plan Association, Social Director of Baron '65.5.

ROBERT F. HELD

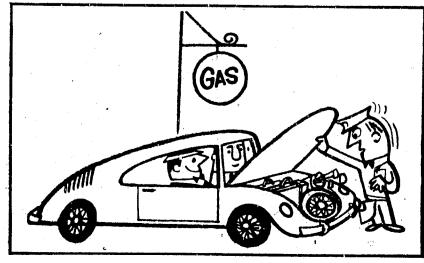
Member, House Plan Association, Member, Reserve Officers Training Corps.

LINDA LOWE

Member of the House Plan Association, Vice-President of Sis Spencer '65.5, Historian of Sis Spencer '65.5.

working on a series of six books on instrumentation.

This Friday, May 11, the candidates will attend a tea sponsored by the Technology Council in Knittle Lounge. The tea is open to all Technology students and will be held from 4 P.M. to 6 P.M. in the Lounge.



Page Eight

Monday, May 7, 1962

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Leonard Tobias

Election to Tau Beta Pi requires: 1) Scholastic Standing (top fifth of class for Seniors, top eighth of class for Upper Juniors), 2) Breadth of interest outside of engineering, 3) Adaptability, 4) Integrity, and 5) Unselfish activity. These thirty-two men have been adjudged worthy of membership and will be officially inducted on May 12 at a dinner to be held in Yager House, 85th Street and Lexington Avenue.



Slants on Sports by Marv Chasen

LACROSSE TEAM TAKES TWO OUT OF THREE

While the majority of the school was enjoying the vacation, the Lacrosse Team was busy fulfilling its varsity schedule. On April 21, 25, and 28 the team competed against Drexel, C. W. Post, and Adelphi respectively. The outcome of these contests, all played on the opponents' home fields was most fruitful for our men. Both Drexel and Post were subdued by the stickmen from City by the score of (11-8) and (12-7) in that order. Adelphi, last year's division champs were able to contain our team as they defeated us (7-4). A victory in this game would have given our team a good chance of sewing up the division championship up at that point, but perhaps this can still be accomplished if the rest of the season is a winning one.

The Drexel game saw John Orlando, the team's Co-captain score five goals, Andy Mueller, an attack man score two, Rudy Chaloupka, another attack man score three, and Jeff Moskowitz score one to give our team its eleven points for the victory.

The Post game proved to be an exciting one as the team losing 5-0 in the second period bounded back with seven goals in less than ten minutes to forge ahead 7-5. The battle was hard fought and the outcome was a 12-7 victory for City. It should be recalled

that last years contest gave C. W. Post a 13-12 upset victory which I am happy to say was not repeated this year. A number of men contributed to our team's victory, they being Orlando (3), Mueller (2), Chaloupka (2), Muhlstein, Red Brown, Al Myer, Emile Castro and Margolis (1).

The Adelphi game saw Andy Mueller score three goals and John Orlando one to give City its four points, but this was not enough to stave off the men from Adelphia who score seven goals to obtain the victory. The game saw Co-Captain and goalie Richie Auster make twenty-six saves in the course of the game, and I am informed that approximately fifty attacks were made upon our net which kept all our boys pretty busy.

On May 5, the team will play Army's B team and then take on Lafayette, Colgate, and Union to complete their schedule. As the team stands right now their probably isn't one man on the team who isn't injured in one place or another, the most popular area being the knees which take a lot of beating in this sport. Coach Baron compares his team to the Confederate army after Appomattox, tired and injured but still able to fight if necessary.

In conclusion I would like to say that I don't approve of the field that our men play on. Lacrosse is a rough game and it should be played on a grass field. Without too much exagger-

TAU BETA PI **Elects New Members**

The New York Eta Chapter of Tau Beta Pi - the national engineering honor fraternity-has announced election of the following men from the School of Technology; in keeping with its purpose: "To mark in a fitting manner, those who have conferred honor upon their alma mater by outstanding scholarship an exemplary character as undergraduate. . . ."

UPPER SENIORS

Louis Botte **Richard Crino Ralph Dessauer** Frederick Krambeck **Edward Nester** Uri Sela Michael Weinstein **Richard Wiener Aaron Bolotor**

Alfred Kreshak Gerald Lipsky Salvatore Rossetti Philip Weinberg Alex Weitz **David Willette Barry Wolkowitz** UPPER JUNIORS Kenneth Axen **Alan Bernstein** Nevio Corin Richard Gitlin Benjamin Hertzendorf Joseph Megerman Melvyn Pell **David Prerau Tiber Schonfeld** Leon Schwartz Jonathan Spinner

Gilbert Jackson Hugh Kilpatrick Daniel Kollin

LOWER SENIORS



ation it is safe to say that our field is probably the worst field of all the fields in the whole country for playing this game.

SUMMARY OF RESULTS Goals Scored Against An Opponent

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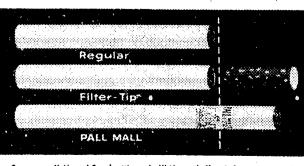
The mover is more of a girl scout than a girl watcher.

LESSON 12-Watching at a beach or pool

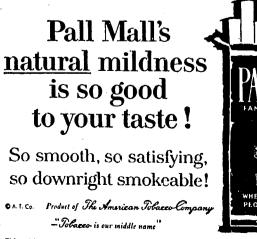
When watching at the beach or pool it is not necessary to keep moving. In fact, it is unwise to move at all, unless the watcher actually enjoys swimming. In such cases he should swim.

At the beach it is better to stay in one place, because the mover is more of a girl scout than a girl watcher

(see above). He is somewhat like the man who goes to the theater to see girls. The girl watcher goes to a musical and happens to notice the beautiful girls. The scout goes to see the girls and, sometimes, happens to notice the musical. (Whether you're a watcher or a scout, you'll find Pall Mall makes a most pleasant companion.)



Compare all three! Smoke "traveled" through fine tobacco tastes best. See the difference! With Pall Mall, you get that famous length of the finest tobaccos money can buy. Pall Mall's famous length travels and gentles the smoke <u>naturally</u>...over, under, around and through Pall Mall's fine, <u>mellow</u> tobaccos. Makes it mild , . . but does <u>not</u> filter out that satisfying flavor!



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