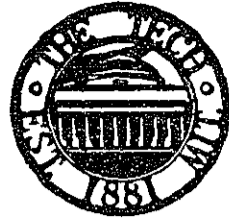


The Tech



NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LXXVIII NO. 14

CAMBRIDGE, MASSACHUSETTS, FRIDAY, MARCH 28, 1958

5 CENTS

IFC Weekend's Greek Theme Set, but Toga Formal Not Yet Certain

Preparations for an all-Greek IFC weekend are swinging into action, as approval has been received concerning the afternoon festivities of Friday, May 3. As this paper goes to press, a decision is being reached as to whether the preceding night's theme will be "toga" or formal. Saturday's activities will begin with a parade at noon featuring floats to be built by the houses. The only stipulations set on the floats are that they be on a Greek theme, cost under \$30 and be moveable. Following this, a bicycle race, three-legged race (co-educational), wheelbarrow race, and a candle relay race are to be held. Climaxing the afternoon's muscular plays will be a chariot race, featuring house presidents driving teams of strutting fraternity brothers. The riots must be constructed at a cost less than \$5.00.

Trophies will be awarded to the winners of this race and the bicycle race, with ribbons going to victors of the other contests. In addition to this, a large trophy will be awarded to the house amassing the greatest number of points in the entire afternoon's activities. The point system has not yet been made definite, but most important will be the float contest, followed by the bicycle and chariot races.

Togas and tunics will be the order of the day at both athletic events and the following cocktail parties.

Student Held-Up by Hitch-hiker on Mass. Avenue Sunday Night

The local "spring crime wave" entered a new phase Sunday night, when Gordon Jacoby, '61, was held up by a hitchhiker on the Harvard Bridge.

According to Jacoby, he picked up a youth of about nineteen at the corner of the Harvard bridge after leaving the library at 8 p.m. The boy nervously rubbed his hands and Jacoby remarked that he must be cold. The youth answered that he was, indeed, cold. When the car turned off the bridge, heading for the ATO house, the youth pulled a gun and politely requested Jacoby's wallet. He forced Jacoby to drive him back to Cambridge where he got out of the car and ran away.

Jacoby then drove directly to Cambridge police headquarters to report the crime. He had not had time to complete his story when Cambridge police officers came in with the thief. They had apparently become suspicious when they saw him running from Jacoby's car, had frisked him and found the gun.

Jacoby recognized the youth immediately and made a spot identification.

Security Police sent several other MIT victims of recent robberies to Cambridge police headquarters but none could identify the youth.

The youth was arraigned Monday morning, but the proceedings had to be continued.

Blood Drive Begins May 6 When TCA Brings Bloodmobile

The Boston Red Cross Bloodmobile will be parked in front of Kresge Auditorium on May 6, 7, 8 to receive donations in the Technology Community Association's annual blood drive, a TCA spokesman said.

Kickoff for the drive will be the first week after spring vacation, when members of TCA will make personal solicitations in the dormitories and fraternities; letters will be sent to commuters. TCA will make a concentrated effort to reach the whole Institute community. A special committee of employees has been set up to help bring in donations from employees and faculty.

In the past, many students have been unable to donate because they did not have permission from their parents to do so. This year, however, TCA will handle this matter entirely, the only requirement being that the under 21 student give his parents name and address on the form that will be given to him by TCA.

Due to generous donations in the past, the Cambridge blood bank is open free to all MIT students and employees who are in need of blood.

Cuban Revolution Leader Asks US To Halt Aid to Batista in Speech Here

An impassioned plea for the freedom of the Cuban people from Batista's dictatorship was made here Tuesday. Dr. Mario Llerena, who describes himself as "the chief representative of Dr. Fidel Castro and the 26th of July Movement", spoke in English in room 10-250 under the aus-

pices of Club Latino. He charged that American military skills and material were being used to kill Cuban men, women, and children.

Dr. Llerena, who is a licensed Presbyterian minister, is a graduate of Havana University and Princeton. He is now in exile in the United States as a political subversive. He describes the conditions of his exile as follows: "I came out of Cuba during May, 1957. A few friends and myself were discussing civic activities one afternoon, when the police burst in the front door; we escaped through the back. Why did we run away? We knew what would have happened to us if we had been caught. Although we had committed no crime, we would have been arrested, beaten, and tortured."



Mario Llerena, personal representative of Cuban rebel Fidel Castro, who spoke here Tuesday night.

Police State in Cuba

"This sort of thing is happening all the time" continued Dr. Llerena. "At this very second, homes are being ransacked, young people are being shot and hanged by the police without trial. There is a police state in Cuba now; our lives are no longer safe."

Speaking of General Batista, Dr. Llerena said, "His corruption has surpassed everything previously known in Latin America. His personal fortune exceeds 150 million dollars." Re-

cently, Senator Wayne Morse of Oregon described Batista as a fascist dictator. Dr. Llerena disagreed, saying that Batista really had no ideology at all. He said, "the aim of the dictatorship is crudely and simply to stay in power at all cost for whatever power has to offer."

Appeal for World Sympathy

Citing the concern of Americans during the recent Hungarian uprisings, he asked, "How can you disregard what your fellow Americans have suffered?" Some examples of Batista's atrocities in Cuba were mentioned by Dr. Llerena.

Among these examples were eyewitness reports by a Cuban sailor now in jail for political discontent. This sailor described a farmer whose wife and children were slaughtered and house burned by government troops because he had once expressed a favorable opinion about Fidel Castro at a bar. He also described the fate of six people who had been accused of selling food to Castro: they were tied to palm trees, drenched with gasoline, and burned alive.

"The U.S. Should Stop Aiding Batista"

Dr. Llerena expressed his desire to reach the conscience of Americans. He said that our nation still considers Batista a friendly government, and is helping him with arms shipments and a military advisory mission. He charged that Batista has turned these arms against his own people; for example, American jet planes were recently used to bomb and strafe civilians in the town of Cienfuegos.

The revolution is bound to succeed, said Dr. Llerena; it may well be consummated in the next few months. He said that Fidel Castro is equipped with four thousand well-equipped partisans, and has almost all the Cuban people behind him. The reason for the delay in overthrowing Batista is alleged to be the arms which he has received from us.

The talk was attended by a hundred people, including all the Cuban students at MIT. One, who professed to speak for the group, said: "We don't want Batista and we don't want Castro. If we have to choose between the lesser of the two evils, half are for one side and half for the other."

Sabotage?

At 8:14 p.m., just before Dr. Mario Llerena began his talk on the Cuban Revolution, two MIT Security Force policemen came into room 10-250. They had been sent by an unidentified caller complaining of a disturbance in the lecture hall. When they found that the "disturbance" was only a lecture, they left.

This call, as well as the removal of several posters advertising the talk, may have been perpetrated by Batista supporters on campus. This was the opinion of Ivan Espin '58, head of the Cultural Committee of Club Latino, which sponsored the lecture.

The talk was further stifled by a prohibition laid down by Dean Rule. He forbade publicity of the lecture to be released to Boston newspapers, in order to forestall adverse public relations.

Three East Campus Residents Tried for Bringing Gas to Riot

The alleged reckless use of two bottles of gasoline during the March 9 East Campus "riot" has put George Walsh '60 on pencil probation with the Dean's Office until March 31, 1959.

The East Campus Judicial Committee handed down this decision after hearing testimony from Walsh, Robert Workman '60, and Marvin Mannheim '59, who were all linked to the incident.

According to testimony, on the night of the riot, Walsh approached the large bonfire which had been built between the parallels carrying two bottles of high test gasoline. Mannheim was originally accused of accompanying Walsh, but according to testimony, he only met Walsh at the fire by accident.

Mannheim took one cupful of gas, and he and Walsh milled around the fire, but decided against throwing the gas on the fire because of the large crowd gathered around it. They then moved away from the fire. Mannheim placed his cup on the ground where it was kicked over by Michael Falk,

THE BRINK

An interesting sidelight on the philosophy of student insurrection was expressed recently by John Foster Dulles, as reported in a midnight WBZ radio newscast. Mr. Dulles was quoted as saying, "When I was a student at the Sorbonne I used to riot occasionally . . . I can't remember for what reasons . . . Students just like to riot."

'58, chairman of Finance Board of Inscamm. Falk then took the rest of the gas and headed for Ames Street where he hoped to dispose of it. He poured part of it in the dirt, but because of the large crowd gathering, he poured the rest into an open sewer. An unknown bystander then threw a match in the gas which flamed up spectacularly due to a backdraft from the sewer.

Chaos Machine, Ripple Tank Part of PSSC Physics Course

by Joseph Harrington, III

"A new viewpoint is fine, but is there anything really revolutionary about this new high school physics course?" Many have asked this question with regard to the Physical Science Study Committee's new text and course for 12th grade physics. Two things do set the PSSC course apart from most others: laboratory work and movies. Many, in fact most, other physics courses use both these means of teaching in some form; few if any have ever before used them in just the way the PSSC plans to.

For example, there will be more movies included in the final course than in most others. Seventy films are planned, to be shown at the rate of about two per week. These are to be from ten to thirty minutes long, in color with sound. The subject matter will parallel that of the text, but will not necessarily give the same emphasis to each point, since some subjects adapt particularly well to presentation

on the screen, while others do not. Thus a whole film may be devoted to a topic only briefly covered in the textbook.

Out of Chaos

Work on the first of these films began Monday. The site is an old theater in Watertown. The film now under way is titled "The Kinetic Theory of Gases." Many ingenious pieces of equipment are being used to illustrate the behavior of gases. Among these is a "chaos machine," which simulates Brownian Movement by moving marbles in random motion on a glass plate beneath an opaque screen of tissue paper. A light is shone up through from the bottom, the marbles are silhouetted on the paper, and can thus be photographed. Such inexpensive equipment is typical of the PSSC's work: financial corners have been cut wherever this can be done without affecting the behavior of the apparatus.

This leads directly to the other facet
(Continued on page 3)

LAST ISSUE BEFORE VACATION

The next issue of THE TECH will be published on Friday, April 1.

A special supplement will be distributed on Monday, April 7. Several important revelations will be made therein, which will prove of vital importance to the students, faculty, and staff.

Party Phones Stifled by Wrong Numbers, Loaded Party Lines

Twenty-three long-awaited Institute telephone extensions have been installed in the fraternities, but complete service will not be available until after Spring vacation. Of these, seven numbers are either listed incorrectly or technical difficulties have been encountered. The others are currently operative, but are connected by a series of party lines that make it impossible for two houses on the same line to contact one another directly.

The phones have been installed under the auspices of IFC—on a trial basis, but operating charges are being covered by the individual fraternities. If service—or use—does not prove to be satisfactory, the house involved has the opportunity to discontinue the service.

For those houses with operative phones, the party line system is proving to be a real headache with about five fraternities on the same connection. With the present setup, only a very complicated system of buzzes, rings, and extra calls will yield the party on the same line—and even this is not always successful. Little hope is seen in the future for the alleviation of this problem; however, the problem of the other seven currently inoperative phones will be taken care of within the next week according to New England Tel. & Tel., who is handling the installation, and Bob Jordan '58, past IFC president.

At the present time, the Institute operators do not have a completely correct list of the new extensions, but such a list should be available after vacation.

SELECTIVE SERVICE

The Selective Service College Qualifications Test will be given on May 1, 1958. The deadline for application for the tests is April 11; applications are available in Room 10-E226. Problems can be taken up with Mrs. Eleanor Lutz, Selective Service adviser.

Letters

To Michael B. Marcus (*An open letter*):

I cannot help but admire your bold yet naive sense of security. Surely you must realize that in the present world situation the only force assuring you of being able to pursue your quest of scientific and humanitarian knowledge is the force provided by these "weapons of mass destruction" which are pioneered and developed by men who were once students in the Aeronautical Engineering Department at MIT and other scientific and humanitarian institutions of similar nature. As distasteful as the thought might be, some of us have to devote our lives to this phase of scientific knowledge and in order to assure an even safer place in which to live, others must be encouraged to pursue this course of study. If a display of this deterrent force will help a few young men to make a decision for their country, then let us have this display. Let us have it in the Chapel if that will be more effective. Also if showing "all facets of the phenomenon" will encourage a few more men to choose this profession, then let us do this, too. This is, in fact, being done this week by the Mechanical Engineering Department with actual films of atomic tests and missile (sic) firings.

Yes, Mr. Marcus, it seems your views are somewhat bent. Life is not as rosy as you mathematically philosophical fellows might like to presume. There is still a world and a society around you. I am in favor of keeping it a free world.

Earl J. Rogers '59

(Mr. Rogers writes in response to Mr. Marcus' open letter to the president of MIT which appeared in the March 7 issue. Ed.)

reviews

A View From The Bridge

Boston now has an "off-Broadway" theater, and characteristic of "off-Broadway" theaters, it often provides better dramatic fare than its uptown cousins. The Charles St. Theater is located two flights above a fish market in quaint old Boston at the base of Beacon Hill. The theater is a renovated loft, the stage in the middle with the audience facing it in opposite directions. By arriving late, you can neatly disrupt the whole proceedings, since you enter the same way the actors exit. This cramped staging arrangement offers a unique challenge to the players, and it is to their credit that they can adapt to playing to two opposing audiences without the protection of the conventional proscenium. The company seems to be quite young both in years and in ideas and enthusiasm. The current offering is Arthur Millers "A View from the Bridge," and this does indeed require a plethora of enthusiasm and intensity to be put over. Briefly, we are concerned with one Eddie Carbone, Brooklyn longshoreman, and his host of neurses. Eddie takes under his wing two illegal Sicilian immigrants (better known as submarines), relatives of his wife. One, Rodolpho, takes an interest in Eddie's 17 year old niece Catherine. Eddie takes exception on the grounds that Rodolpho, a blond Sicilian interested in singing and flashy clothes, "just ain't right." The passions and tensions come thick and heavy now, and the whole thing ends in a good old Sicilian blood bath. Basically, we have a psychological study of Eddie, highly reminiscent of a Shakespearian tragedy. What we see manifested as the overprotection of his niece is plainly an incestuous attachment. This is Eddie's major fault and the tragedy unfolds relentlessly on this fault to an overpowering climax. Eddie as played by John Heffernan is a remarkable study in emotional intensity. Eddie, being a longshoreman, cannot express himself verbally with much facility, but Mr. Heffernan reveals quite strongly the extent of intensity by his savage grimaces and gesturings. Beatrice, his wife, is a study in restraint, and Olympia Dukakis can be commended for a sensitive and discerning portrayal. Catherine is the only conventional principal, and to this extent Roz Faber performed

well, but she did not seem equal to those moments which required emotional display, which I felt were insincere. The two Sicilians, Marco and Rodolpho, were played respectively by Nick Smith and Richard Galvin. Mr. Smith plays the smoldering Marco quite forcefully. Galvin gives a fine portrayal of the ingratiating Rodolpho. The lawyer, Alfieri, who presents and binds together the plot is played somewhat ineffectually by Edward Zang. The overall direction indicates an awareness of the author's intention, that is to present a psycho-social drama with the elements of both Greek and Shakespearian tragedy. This production is to be recommended highly, and it is my guess that the company's forthcoming productions will bear the same stamp of approval.

—Aaron Rosenberg '59

Corley and Company

On Saturday, March 22, the MIT Concert Band under the baton of John Corley, assistant director of music, again provided the MIT Community and friends with a splendid concert of original band music.

Unlike most college bands, the MIT Concert Band is strictly a concert band and performs only original works for band with most emphasis on the music of contemporary composers. Justifiably compared to Fredrick Fenell's Eastman Wind Ensemble, the MIT Concert Band performs with amazing precision and gusto.

Opening with the "Celebration Overture" of Paul Creston, the band demonstrated a thorough grasp of the piece. Mr. Corley completed Part I with works of Respighi, Miller and Fauchet. At the onset the reeds were a little flat but brightened up quickly. Special commendation should be afforded tympanist Ervin Davis, both for his technical capabilities and for his musicianship.

Part II included the "Symphonic Suite" of Clifton Williams, "The Visions of Kamm" by Briccetti, Gould's "Ballad for Band," and the "Canzona" by Peter Mennin. Fine chime playing in the Briccetti by Frank Amoroso, excellent attacks in the Gould, and intriguing tonal contrasts in the "Canzona" were the high points of the second part.

John Corley once again gave his public an intensely alive, stimulating and yet at the same time most refreshing concert. Indeed, the Concert Band has earned for itself a position of respect not only in the many colleges at which it has performed, but also among contemporary composers and musicians.

Attendance was very good and present in the audience were composers Miller, Briccetti, Hovhaness, and Kazdin.

—A.C.L.

college world

In an unobtrusive box outlined in black *The Harvard Crimson* last week printed the following memorial: "The CRIMSON extends its sympathies to the family and friends of Spring '58, which died yesterday." This was puzzling me just a little until I happened to notice a picture on the front page of a Harvard man lustily heaving a large snowball at an oncoming cab, and realized that our brief taste of spring had indeed passed on, leaving in its wake a lot of wet snow and a few (2) determined and undaunted wearers of Bermudas.

From the *Connecticut Daily Campus* comes a list of "Can't you imagine these persons saying this," which I have stolen and altered to fit our own atmosphere.

Buddy fixing you up with a blind date: "She's got a tremendous personality, and she's one of the ugliest girls I've ever seen."

ROTC student: "I'm only supposed to drill on Tuesdays sir, but I like to come on Thursdays too."

Lounge menu: "Beverages—milk—10c, Coffee—10c, Tea—10c, Juice—10c, Beer—10c."

President Eisenhower: "We're in for one hell of a recession."

A few others occur to me which might be even more applicable to MIT:

Ben Martin (in a loud voice): "You guys take it easy on those wind sprints! You're in good enough condition to keep from pushing it!"

Cab driver in front of Building Ten: "I beg your pardon, sir. I wouldn't have blown my horn if I had realized you were a student."

Voo Doo: "We are truthfully grateful to those involved in the recent dispute over the propriety of the magazine for allowing us to rid ourselves of undesirable elements and to print, at last, what we regard as true humor."

At the University of Connecticut there is a certain dormitory which has as a marker a large light, placed in a prominent spot. As the *Connecticut Daily Campus* again reports: "The light itself would cause no comment, except that its bright color evokes certain thoughts in certain people's minds, for Holcomb Hall is a residence for girls.

"Most of the girls at Holcomb have become rather philosophical, believing that the meaning is in the beholder and not intrinsic to the light, but one can't help feeling a bit sorry for the blushing young thing being escorted back to her house to bid her date adieu 'neath the lurid light."

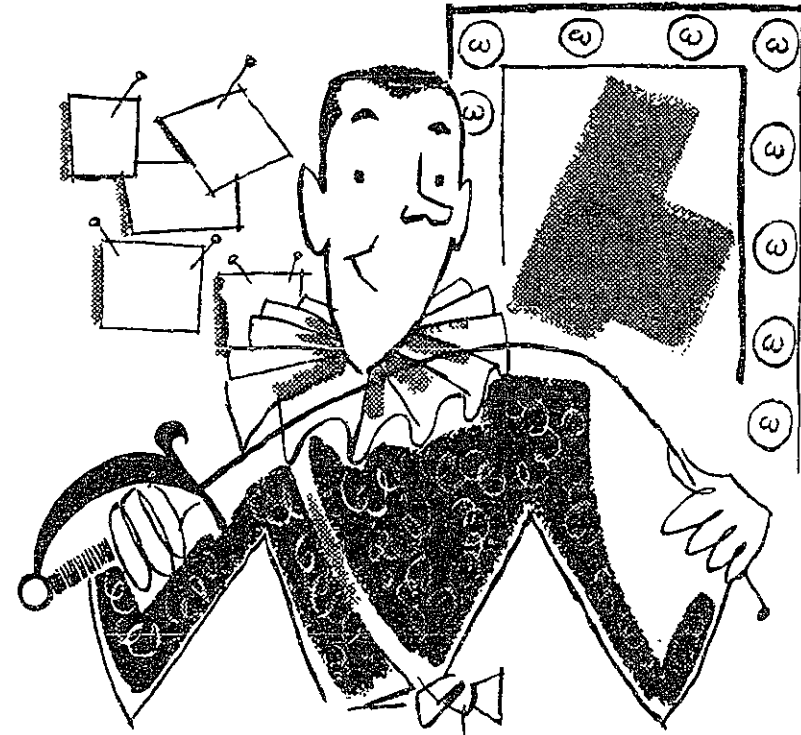
—Dix Browder '59

reconnaissance



"Invade? Why Bother?"

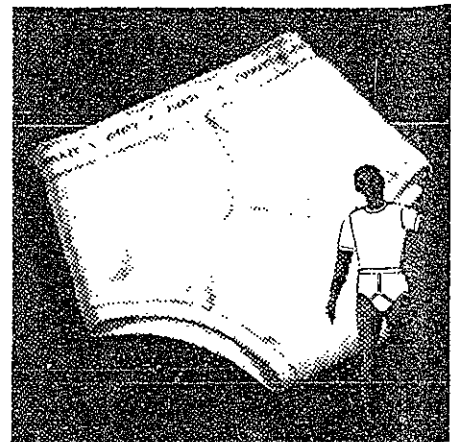
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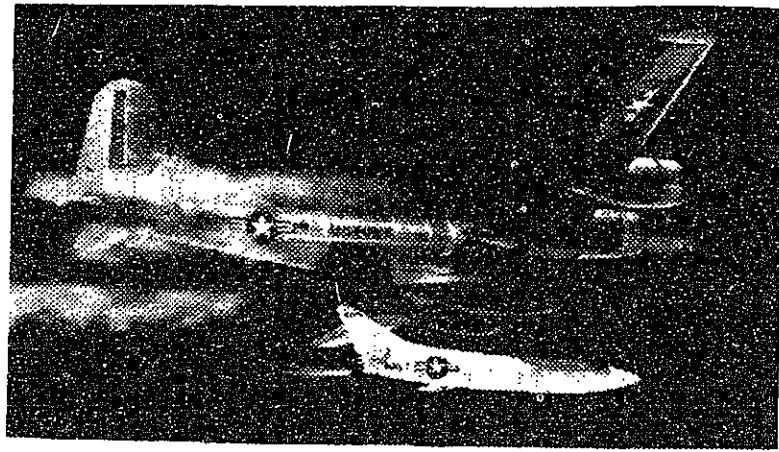
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MY CLOSEST SHAVE by Bill Bridgeman
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"My closest shave was during the first try at a speed record in the fantastic Douglas Skyrocket," says Test Pilot Bill Bridgeman, author of *The Lonely Sky*. "A special B-29 dropped me like a bomb at 30,000 feet... I turned on my rockets and climbed to 40,000... when suddenly all power failed. Rocket power, cabin pressure, heat—everything went—and the window frosted over so I couldn't see. Finally I got the radio going on an emergency battery... and a pilot in a chase plane talked me down to a blind landing!"

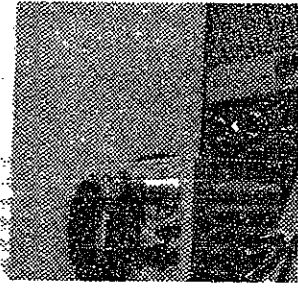
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What's it like to be with **IBM**?

"Like many other seniors," Gerry Shultz recalls, "I was not sure what I wanted to do, except that I wanted to work in electronics. At the time of my interview with IBM, I knew nothing of computers. However, a tour of the IBM Laboratory impressed me greatly—its orderliness, the friendliness—and particularly, the small-group project system."

Gerry Shultz came to IBM in 1951, right after graduation from the University of Cincinnati. Assigned to the Advanced Research and Development Group as a Technical Engineer, he obtained—"with the patient help of experienced engineers"—practical knowledge in circuit design. Since these circuits were used to test barrier grid storage tubes in computer operation, he developed a knowledge of computers.

A new area in a new field

In 1953, an IBM group using a 701 computer for scientific investigation needed a circuits man to build a flying spot scanner as an input device for the computer. This assignment gave Gerry Shultz his first experience with simulation studies. The group was working on a



Discussing speech data produced by computer programs

Character Recognition project. The scanner automatically converted letters and digits from visual to digital form. The computer helped the group to evaluate large samples of data to determine what properties were worth while in distinguishing one character from another. After building the scanner, he learned to program

the computer, and stayed with the project. By 1955, the group had expanded into the Information Research Department. Today it embraces such projects as Information Theory, Switching Theory, Psychology, Theory of Automata, Character and Speech Recognition. All projects use the computer as a research tool.

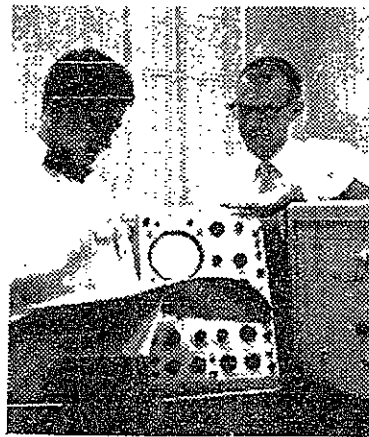
Receives promotions

During his career at IBM, Gerry Shultz has received two promotions. In 1954, he became an Associate Engineer. In 1957, he was made Project Engineer, and is currently working on the Speech Recognition project of Information Research. "We have just completed equipment to convert speech into digital form for computing input," he reports. "Our work is now the analysis

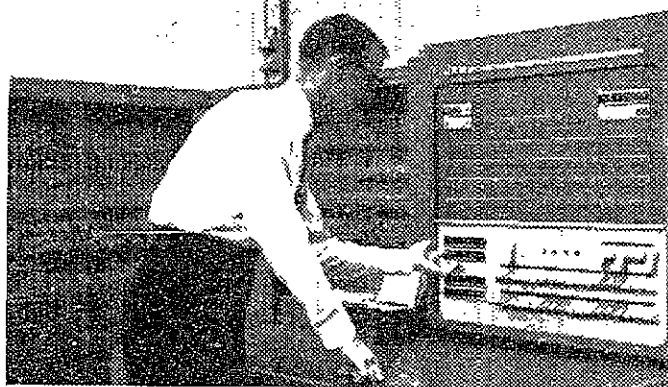
Information Research Engineer Gerald L. Shultz, like many other engineers, mathematicians and physicists, came to IBM directly from college. He has a B.S.E.E. degree. Here he reviews his progress and tells about one of the new careers in the electronic computer field.

of speech. Much like Character Recognition, it is concerned with the question, "What properties does the acoustic signal possess which will aid in classifying speech sounds, one from another?"

"My career is quite typical of the many interesting ones which the electronic computer has opened up at IBM. The useful output of Information Research and other Research groups is used in test systems. These systems are then further developed into larger equipment prototypes. Throughout this flow to a manufactured product many interesting and challenging problems must be met and solved."



Checking the operation of the speech converter



Gerry Shultz at the console of the IBM computer

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PSSC

(Continued from page 1)

of the course which sets it apart from most others, the laboratory work. Although almost all 12th grade physics students perform or view lab demonstrations of some form; few build all their equipment themselves. This is a guiding principle of the Committee: all equipment must be able to be built in the school lab, or occasionally the school shop, at a nominal cost.

More Ripples-Per Dollar

The basic piece of lab equipment for the first part of the course is the ripple tank. Since much of the course concerns wave motion, the tank serves as a versatile piece of demonstration gear. Basically, it is a shallow glass-bottomed box full of water, measuring roughly 15" by 15" by 3". Either one or two sources of vibration may be used, constructed principally of ping pong balls, wire coat hangers, and six-volt motors. The tank is set on a frame, or between two chairs, and the same light-and-tissue-paper arrangement is used as was on the chaos machine. The surprising thing about the ripple tank is that its total cost is six dollars, and its total construction time is less than an hour.

Such startling figures as these are commonplace; a stroboscope for quantitative work is built for less than a dollar, a Michelson interferometer for a few dollars. Some of the equipment will cost mere pennies—for example, a microbalance capable of weighing a fly's wing will be made from a drinking straw and needles.

The really significant point, however, is not the startlingly low cost of the equipment, but the fact that, having done these experiments in the lab, the young physicist will be able to go home and redo the work, adding his own modifications. It is this feeling for "doing physics" that really sets the PSSC course apart from any other high school physics course ever conceived.

These, then are the features that mark the Physical Science Study Committee course as an improvement over all existing courses: a superior, up to date textbook; seventy films to augment the text's work; and intimate contact with simple yet basically sound laboratory equipment. With all of these facets of the course well on their way to completion, the success of the long-range plans of the Committee seems assured.

JOINT CONCERT

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and

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APRIL 12

Kresge Auditorium

8:30 P.M.

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The Student Chapter of the A.S.C.E. is sponsoring a **STUDENT SPEAKING CONTEST** to be held on Thursday, April 17, 4:00 p.m. Prizes will be awarded
FIRST PRIZE—\$50.00
2nd PRIZE—\$25.00 3rd PRIZE—\$10.00
Winners will be eligible to attend the New England Regional Competition at the University of Vermont on Sat., May 3, 1958. Subject: Any subject matter that is of interest to Civil Engineers will be acceptable. The topic should be on a technical subject suitable for a non-technical audience. Length: The length of the paper shall not exceed a 10 minute time limit. Presentation: All papers must be presented entirely orally. Notes may be used in the presentation. All undergraduates of the Massachusetts Institute of Technology are eligible. For further information contact: Frank Koppelman LO 6-9360

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Organ Recital

Marilyn Mason, concert organist and professor of music at the University of Michigan, will give a recital on the Holtkamp Organ in Kresge Auditorium on Wednesday, April 9, at 8:30 p.m.

The program will include the first Boston performance of Paul Creston's "Suite for Organ". This work, which is Mr. Creston's only music for the organ, was commissioned by, and is dedicated to, Marilyn Mason. Other works will be by Handel, Bach, Kerll, Alain, and Langlais.

Tickets for this concert are available from Room 14-N236.

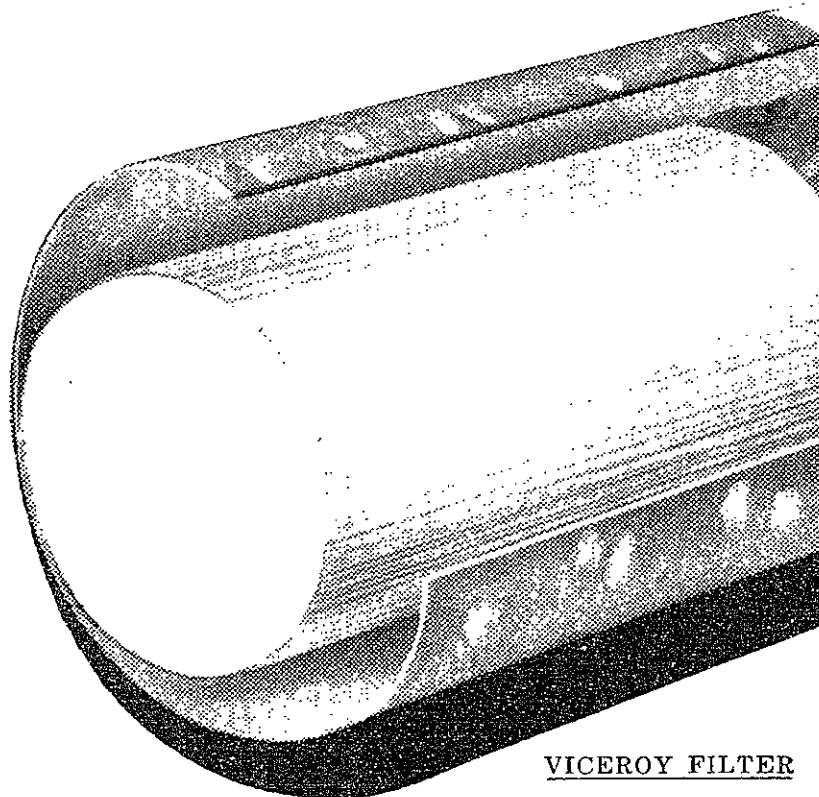
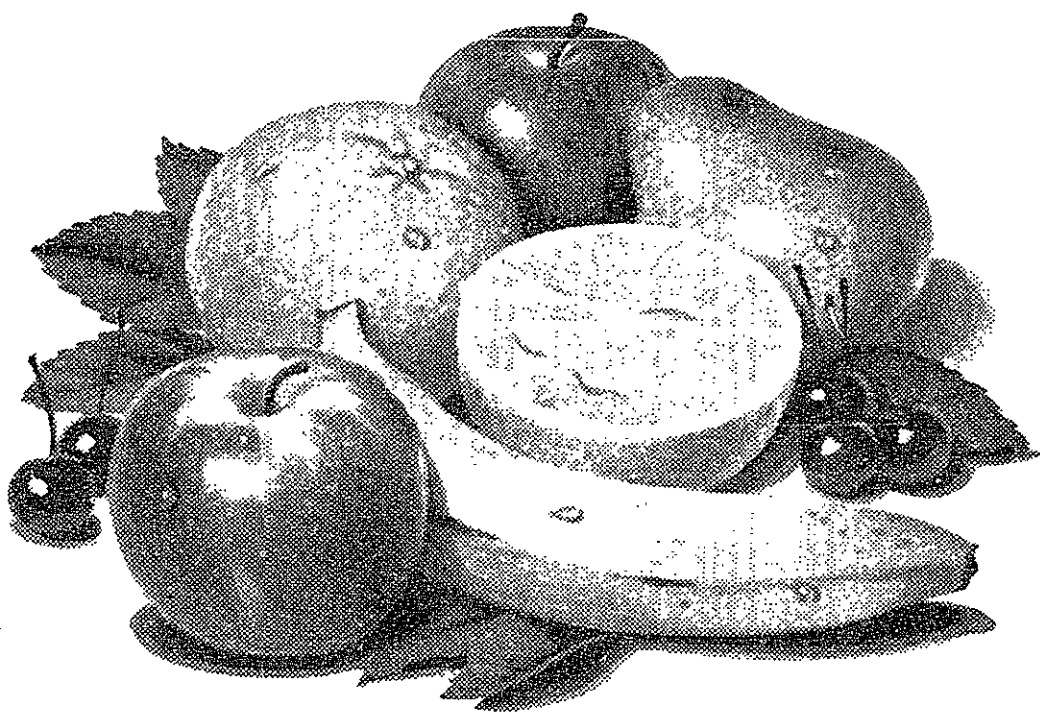
Technique Choc New Staff, Sales

At the annual banquet held 21 at the Hotel Statler, Ter 1959 announced the officers for 75. John L. Andrews '59 of Wo will be General and Business M and John W. Brackett '59 will tor-in-Chief.

Other appointments include M Fraser '60 as Photography Susan Schur '60 as Art Editr Al Krigman '60 as Literary Ed Robert Sprich '60 has been ap Assistant to the Editor-in-Chief.

It was also announced that nique 1958 will be published sor between May 15 and May 20.

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VICEROY PURE, NATURAL FILTER...
PURE, NATURAL TASTE



Varsity Teams Travel; Court All Stars Chosen, Volleyball Finals Narrow

Varsity Athletes Destined for Bermuda, New York, Sunny South

The Rugby Club winged south to Bermuda last night at the invitation of the Bermuda Rugby Association. The Ruggers will participate in one of the several tournaments put on for the isle's Annual College Week. There will be inter-collegiate contests such as golf, tennis, and a round robin rugby tournament.

The MITAA is footing a large part of the bill for the eighteen players making this ten-day holiday and, as the team has been looking very good in practice, it is hoped they will bring home a large number of Wellesley girls.

Later this spring the Cardinal and Gray will play such teams as Amherst, Dartmouth, and Yale; but they may not be able to play their usual opponents Harvard and Princeton, as these teams canceled their games scheduled for last week and this, respectively.

Tennis in Virginia

The varsity tennis team, under the coaching of Ed Crocker, will open up its 1958 season with a four match tour through the southern United States. The racketmen will leave on Monday, March 31, bound for Quantico, Virginia where they will face the Quantico Marines. In the following days, they will face Wake Forest, the University of Maryland and Howard University.

Heading the squad are lettermen co-captains Jeff Winicour '59 and Bob Kenefick '59, and Pete Moss '59. Bob Hodges '60, Bob Couch '59, George Foyt '59, George Koo '60 and Tom Cover '60 round out the squad.

Lacrosse Squad to NY for Four Games

The varsity lacrosse team travels to New York for its opener against Hofstra College in Hempstead Saturday. The Cardinal and Gray, 18 strong plus coach and manager leaves for Long Island today.

On Tuesday the Tech men depart from Hempstead for Hoboken, N.J. and a game against Stevens Institute of Technology. Wednesday they go to New York for a contest with CCNY. On Thursday they return to Hofstra for a game against Penn State.

Good Showing

The stick men began practice about March first and thus should be ready to put up a good showing against top rated Hofstra and Penn State. Later in the season the Tech men will meet Brown, Harvard and Tufts.

All Stars to Meet Crimson IM Champs In B-Brawl Contest

Following the annual All-Tech Basket Brawl game in the Armory Saturday, April 12, the Tech community and all other interested fans will have a chance to see "ye ol' intramural engineers" pitted against the "Radcliff boys" from Harvard University.

The intrafaculty contest will find a group of Scientists and Humanitarians battling a contingent of Engineers and Administrators. Newcomers such as "Sexy Hexy" Hexner of the ROTC department and "Ready Teddy" Wood of humanities will join with oldtimers to the sport such as "Rocky Stocky" Stockmayer and "Easy Uno" Ingard to provide what is probably the most unusual athletic event in the country.

The intramural all-star team as chosen by intramural basketball managers, George Stivers '60 and Ray Landis '61 is as follows:

- Warren Goodnow '59 Beta Theta Pi
- John Ingraham '58 Phi Gamma Delta
- David Shiffman '61 Sigma Alpha Mu
- David Garelick '59 Alpha Epsilon Pi
- David Larson '58 Delta Upsilon
- Robert White '60 Sigma Chi
- Richard Bradt '60 Baker House
- Maynard Toussaint G Westgate
- Edward Grubbs G Graduate House
- Cyril Galvin G Graduate House
- David Crockett '58 East Campus
- Donald Shernoff '60 East Campus
- Thomas Courtney '60 Alpha Tau Omega
- George Gilliland '60 Burton House
- Gene Shaw '60 Student House

Four Remain in Volleyball Finals

Phi Delta Theta B, Sigma Chi, Sigma Alpha Epsilon B, and Graduate House B emerged as the only remaining contenders for the intramural volleyball title after the games played Wednesday in the armory. During the evening Phi Delta Theta A and Lambda Chi Alpha B were eliminated.

The most interesting game of the evening found Phi Delta Theta A matched against Phi Delta Theta B to determine who would drop out of the playoffs. After three nip and tuck games, the "B" team, composed of almost all freshmen and definitely the underdogs, found themselves on the winning side, 16-18, 15-13, and 15-9.

Six footers John Disbrow '61 and Ray Landis '61 powered the B's to the win while Charlie King '58 and Emil Wright '58 showed up strong for the losers.

The second game of the night found two undefeated teams, Sigma Chi and Graduate House B pitted against each other. After Sigma Chi took a close first game, 16-14, through the efforts of Al Brennecke '61 and Tom Du Pree '55, the Grads organized behind Bill Scouler for two straight decisive victories, 15-6 and 15-10. The win guaranteed them at least a second in the final standings.

Sigma Alpha Epsilon B downed

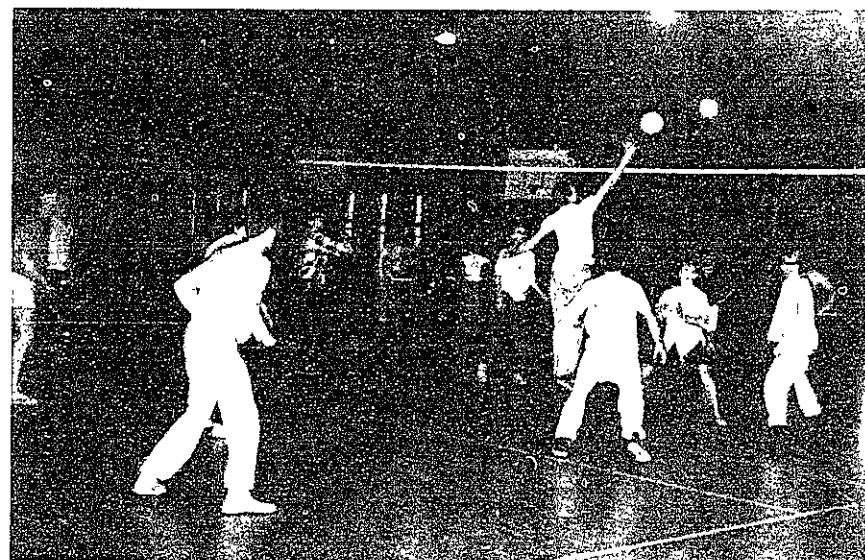


Photo by Ray Landis
Phi Delt's Charlie King '58 smashes ball to aid in victory over Beta Theta Pi, Sunday afternoon.

Lambda Chi Alpha B 14-16, 15-9, and 15-0 in the final game of the evening. After a slow start the SAE's, led by Bob Thompson '58 and Mac Featherstone '58, took over and won two straight games.

Beer Ball Game

Bookies Busy As

The Day Nears

With the coming of spring and spring sports, it has been rumored that wagers are already being taken by local bookies on the most colorful, if not the most athletic, of MIT athletic events: the Annual The Tech-Voo Doo beer ball game.

Neither side has, as of last night, commented on their team prospects. In all probability top-secret practices are being held by both teams somewhere in the Boston area.

The date of the game has not yet been set, but "negotiations will begin in the near future" commented Dave Packer '59, The Tech Sports Director, Paper Favorite

At the present time, almost all experienced observers pick the newspaper team as a prohibitive-odds favorite. Last year Voo Doo forfeited the game, much to the displeasure of the fans who were jamming Briggs Field to witness the spectacle. Almost the entire The Tech squad is returning, and a strong frosh turnout should add to their already high hopes.

!Bullseye!

Firing the last Greater Boston Collegiate rifle League match of the current season Wednesday night, the Beaver riflemen defeated Boston College by a score of 1425 to 1365. This was the highest score fired by the sharpshooters during the past season, bettering their old mark of 1422 by three points.

287 High

Robert Voigt '59 was high firer for the match with a score of 287. Other scores included Martin Zimmerman '59, 286; Louis Nelson '59, 285; Ronald Pellar '59, 285; and David Hardiman '60, 282.

The one remaining match this season is the GBCRL invitationals that will be fired in April. At this match the team and individual champions for the GBCRL will be chosen. On the strength of their impressive record this year, the Beavers loom as heavy favorites.



RICHARD MONTMEAT is a 1947 Industrial Design Graduate of Pratt Institute, Brooklyn, New York. He joined General Electric's Television Receiver Department in 1948.

"A company that plans far ahead gives me the chance to work out my future"

"Pleasing design is no accident," says 32-year-old TV set designer Richard Montmeat. "It takes creative planning. At General Electric, we're constantly developing new product designs — including some for products which won't be on the market for several years. Ever since joining General Electric, I've had the opportunity and challenge of working toward the designs of the future. As I see it, a company which plans ahead gives me the chance to work out my own future, too."

The creative accomplishments of Richard Montmeat have already brought him widespread recognition. He was awarded design patents in 1950 and 1955; he won the Industrial Designers Institute Award in 1955; and his design for the 1958 General Electric 17-inch portable television receiver was se-

lected for showing in an international design exposition in Milan, Italy.

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To prove the durability of Chevrolet's radical new Turbo-Thrust V8,* the tremendous flexibility of the new Turboglide transmission,* the incredible smoothness of Full Coil suspension, we tackled the most challenging transcontinental road in the world — the 1,000-mile General San Martin Highway. To make it harder, the Automobile Club of Argentina sealed the hood shut at Buenos Aires — no chance to add oil or water or adjust carburetors for high altitude.

So the run began — across the blazing Argentine pampas, into the ramparts of the forbidding Andes. Up and up the road climbed, almost 2½ miles in the sky! Drivers gasped for oxygen at 12,572 feet — but the Turbo-Thrust V8 never slackened its torrent of power, the Full Coil springs smothered every bump, the Turboglide transmission made play of grades up to 30 percent. Then a plunge to the Pacific at Valparaiso, Chile, a quick turn-around and back again. Time for the round trip: 41 hours 14 minutes — and the engine was never turned off!

*Extra-cost option.



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STRATTON MOVES IN, EVICTS KILLIAN

Mysterious Hot Rays Give Machines Thrills

A new type of radiation which can affect the basic structure of living matter and play havoc with certain kinds of electronic and mechanical equipment was discovered here last month after a series of strange incidents that have made MIT the focal point of an intense—and tightly classified—investigation by the government. The story was revealed accidentally last night when a telephone call on an Institute party line from the MIT President's Office to the Pentagon was intercepted. Since then, a strange story, almost resembling a fictional adventure into the future, has been unfolded.

The first indication of trouble came on March 4 when Elbert Q. Freemish brought a nearly-finished formula for the long-sought "youth serum" to the 704 for completion. Instead of giving the expected missing element, the computer traced perfect outlines of a whiskey bottle and a nude female form on the screen. Said Freemish, "This bothered me, especially when the machine commenced to vibrate furiously, apparently from some type excitement over the idea. Naturally I left immediately to seek experimental evidence to substantiate the findings." With a grin, Freemish continued, "The results were entirely correct, a trifle unexpected but correct." Previous to this, a machine—otherwise—with such a high IQ had never exhibited a comparable emotional response.

Ouch
The next afternoon, A. Elwood Neumann '58 dropped thirty cents into a cigarette machine in the basement of Building 24. Said Neumann concerning the resulting incident, "The machine thing gave me the cigarettes and the money, too, but it shot 'em at me. See the bump. Well, I got mad and kicked it. Dat's all I remember." When he regained consciousness, the machine was gone; the Security Force

was alerted, but no trace of the missing vendor could be found.

Zoom
Several nights later, the elevators in Building 20 began to race mysteriously up and down with no one at the controls; at various intervals, they would stop, line up again, then "drag out" to the upper floors. The Security Force reported this to the Dean's Office, but was ordered to say that prowlers were in the building.

Smoke
On the evening of March 23, a fire was reported in Building 24, but the firemen could find only smoke. After an exhaustive search, a fireman entered the X-Ray Crystallography Lab and found a machine with slightly twitching meters surrounded by two packs of half-smoked still-warm cigarettes; the room was empty and had been locked for days. The evidence—and the fireman—were hastily and quietly taken into custody by Institute authorities before the public could find out. Eventually other firemen entered the room and blamed the smoke on a leaking transformer in another machine. To divert suspicion from the real culprit, the Institute readily confirmed their belief. An investigation of the incidents was already underway.

Mutation
Early last week, something occurred that finally caused a cordon of FBI and SF men to surround the area where all the trouble had been. When the day custodian arrived to relieve his partner, Melvin Pimplebottom, he could find only the man's clothes and a pile of writhing matter in the middle of the floor. He summoned the proper authorities, but, when they arrived, the pile was gone. In one corner of the room sat a large black cat with a contented smile, nervously burping. Said Lt. John Law of the SF, "We suspected foul play, but were once more ordered to give no information."

(Continued on page 3)

Skeletons In Closets Routed Too; By Wily Doc And Swarthy Crew



Doc Killian bids adieu to the stately President's House while six swarthy movers load his furniture into the waiting van. After the luggage is stowed in the trunk of the car in the foreground, he will be off for who knows where?

Doc Stratton moved into the President's House yesterday, after a brief skirmish in the drawing room. Accompanied by six swarthy brutes from the Sabbath Day Movers and a lone civil engineer (who engineered the coup), the wily Stratton assaulted the House in broad daylight, catching Doc Killian, home from Washington for the week-end, off-guard.

Evicted, along with Killian and his family, were fourteen Russian scientists, a mongrel dog, the Governor of South Carolina, the illegitimate son of a duPont vice-president.

The assault started when Stratton bounded up the front walk and pounded on the front door. Killian was just then pacing the roof-porch in a pith helmet, eyes peeled for enemy planes. ("Civil Defense is your job.")

"See anything up there?" Stratton shouted.

"Nothing but blue sky, old boy. Incidentally, have you any idea what makes the sky blue?"

"Haven't the foggiest."

Just then a Russian submarine surfaced in the Charles. Killian saw it at once and watched it intently while the Sabbath Day Movers took away the furniture.

Too late, Killian discovered his peril. He hurried into the drawing room, intent on rescuing his art treasures and library of rare books. But the wily Stratton was already there, armed only with the laws of physics and sublime faith. Killian could rescue naught but a plaid sport cap before he hurtled out through the front door and into space.

Once ensconced, Stratton issued this statement from the parlor of the President's House: "Order is restored. All things are in their rightful place, close the shutter, dear, it's a trifle drafty in here. My penthouse apartment at 100 Memorial Drive will be converted immediately into a heliport where fraternity men from across the river may land in peace and ride to school in a high-speed elevator."

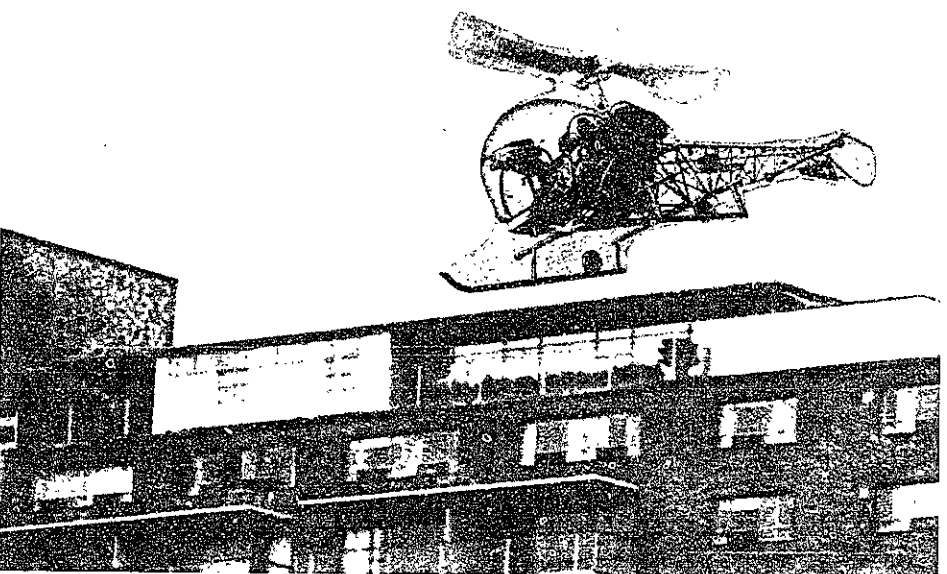
Would Killian now move to Washington? "I can't," he quipped. "My electric razor only works on A. C."

Scientists the world over were disconsolate at the news. "It's a disgrace to the scientific community," said Vannevar Bush. "And an incredibly bad pun as well."

From the White House came the last word: "Despite recent developments in Cambridge, this country still holds a comfortable lead over the Soviets with regard to the housing situation."

Class Hours

MIT Acting President Julius A. Caesar announced last night that the requirement regarding the number of hours per week that Techmen must spend on studies was in for a drastic change. Caesar, speaking at a Burton Cabbage-Head Semina, said, "The time has come to re-examine our Sense of Values and cross-question our True Feelings, and come to a sensible, well-balanced decision which more truly reflects our Sentiments. The matter will soon be placed before the Dormcomm, Inscamm, IFC, and Judcomm; I feel sure that the Dean will come to a prompt decision which will be in the best interests of us All."



A slick helicopter makes the first landing at the brand new "Hundred Mem Drive Heliport." In a few days, these helicopters will discharge hosts of fraternity men who will ride fast elevators to school. In the old days, Doc Stratton lived in the penthouse.

McSwill Is Housemistress, No Sleep With Burton Boys

Special to The Tech
MILLA VICINI, Italy, April 5—Elsa McSwill left here today, bound for Cambridge, Massachusetts, to become Housemistress of Burton. It will be another first for me," she smiled as she took off from the million dollar Lake Vicini in a shiny blue seaplane. She also said she expected to arrive in Cambridge tonight for tea.
Elsa McSwill will be given the title of Associate Professor of Woopgaroo course 25—Bullfighting and Toreador Engineering.



Elsa McSwill sips tea in Burton Snack Bar.

CAMBRIDGE, April 6—Elsa McSwill, looking swillier than ever, came sky-blue seaplane in the Charles, straight into the arms of Dean George Parry-son. She immediately announced plans to redecorate Burton. The third and fourth floors will be converted into a wall-to-wall room, she said. "I want nothing but the best for my boys." The ballroom will be used for the egghead wars.

Elsa McSwill herself will share a room with five Techmen. "I just adore

scientists and I've always wanted to learn to use a slipstick," she announced.

Scientists hailed Miss McSwill's appointment with one voice. "Elsa," they said, "gives me a pain."

Super product Hits market In rear as mit Takes credit

Last night Building 16 echoed a most important announcement made by Professors Proctor & Gamble, which, in the authorized opinion of newspaper critics, is going to revolutionize the entire food production system of the United States and, perhaps, the world.

The eminent Food Technologists declared that for the past twenty years, the Student Body at MIT has been used as Guinea Pigs without their knowledge for carrying out extensive research on the properties of certain food matters whose hidden qualities were a mystery for many generations of scientists.

(A group that had suffered badly the effects of this product seems to have been last year's Inscamm, considering the appreciable amount of discussion they carried with no purpose at all).

After a close examination of the psychotic cases presented, a thorough analysis of the food matter in the Brownian Motion Laboratory,

Prof. Proctor came out with a solid, amorphous mass of what he termed "SKATA". However, Professor Gamble suggests that it may be the product Russian Scientists have been investigating for an equal length of time which they have named "GAV-NO". At any rate, this product will eventually be mass-produced at the "16" rooms in the East Campus parallels which will be specially re-decorated for the purpose.

This will be processed at Building 16 and then it will be distributed in Physics Lectures and Humanities classes in the form of extensive doses of the same material.

Dean Sodaburger of the School of Engineering stated that "Actually, since Apis of Egypt, this product has been well known to mankind. However, it has never been used in industrial amounts to feed the scientific minds. We feel that we are miles ahead of the Russians in this field."

Our comment: "Hoozanga!"

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1952 Royal Enfield (Italian). 700 c.c. only
5000 miles since rebuilding and new tires.
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Sunday Evening MARCH 30 at 8 o'clock
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OCEAN TO OCEAN ACROSS SOUTH
AMERICA—AND BACK—IN 41 HOURS!
CHEVY'S NEW V8 LEVELS
THE HIGHEST, HARDEST
HIGHWAY OVER THE ANDES!

To prove the durability of Chev-
rolet's radical new Turbo-Thrust
V8,* the tremendous flexibility of
the new Turboglide transmission,*
the incredible smoothness of Full
Coil suspension, we tackled the most
challenging transcontinental road in
the world — the 1,000-mile General
San Martin Highway. To make it
harder, the Automobile Club of
Argentina sealed the hood shut at
Buenos Aires — no chance to add
oil or water or adjust carburetors
for high altitude.

So the run began — across the
blazing Argentine pampas, into the
ramparts of the forbidding Andes.
Up and up the road climbed, almost
2½ miles in the sky! Drivers
gasped for oxygen at 12,572 feet —
but the Turbo-Thrust V8 never
slackened its torrent of power, the
Full Coil springs smothered every
bump, the Turboglide transmission
made play of grades up to 30
percent. Then a plunge to the
Pacific at Valparaiso, Chile, a
quick turn-around and back again.
Time for the round trip: 41 hours
14 minutes — and the engine was
never turned off!

*Extra-cost option.



The sure-footed Chevrolet purrs past a road sign that says "danger"—
and ahead lies the toughest part of the perilous Andean climb!



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Extra Sat. Morn. Show 10:30

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STRATTON MOVES IN, EVICTS KILLIAN

Mysterious Hot Rays Give Machines Thrills

A new type of radiation which can affect the basic structure of living matter and play havoc with certain kinds of electronic and mechanical equipment was discovered here last month after a series of strange incidents that have made MIT the focal point of an intense—and tightly classified—investigation by the government. The story was revealed accidentally last night when a telephone call on an Institute party line from the MIT President's Office to the Pentagon was intercepted. Since then, a strange story, almost resembling a fictional adventure into the future, has been unfolded.

The first indication of trouble came on March 4 when Elbert Q. Freemish brought a nearly-finished formula for the long-sought "youth serum" to the 704 for completion. Instead of giving the expected missing element, the computer traced perfect outlines of a whiskey bottle and a nude female form on the screen. Said Freemish, "This bothered me, especially when the machine commenced to vibrate furiously, apparently from some type of excitement over the idea. Naturally, I left immediately to seek experimental evidence to substantiate the findings." With a grin, Freemish continued, "The results were entirely correct, a trifle unexpected but correct." Previous to this, a machine—otherwise—with such a high IQ had never exhibited a comparable human emotional response.

Ouch

The next afternoon, A. Elwood Neumann '58 dropped thirty cents into a cigarette machine in the basement of Building 24. Said Neumann concerning the resulting incident, "The damn thing gave me the cigarettes and the money, too, but it shot 'em at me. See the bump. Well, I got mad and kicked it. Dat's all I remember." When he regained consciousness, the machine was gone; the Security Force

was alerted, but no trace of the missing vendor could be found.

Zoom

Several nights later, the elevators in Building 20 began to race mysteriously up and down with no one at the controls; at various intervals, they would stop, line up again, then "drag out" to the upper floors. The Security Force reported this to the Dean's Office, but was ordered to say that prowlers were in the building.

Smoke

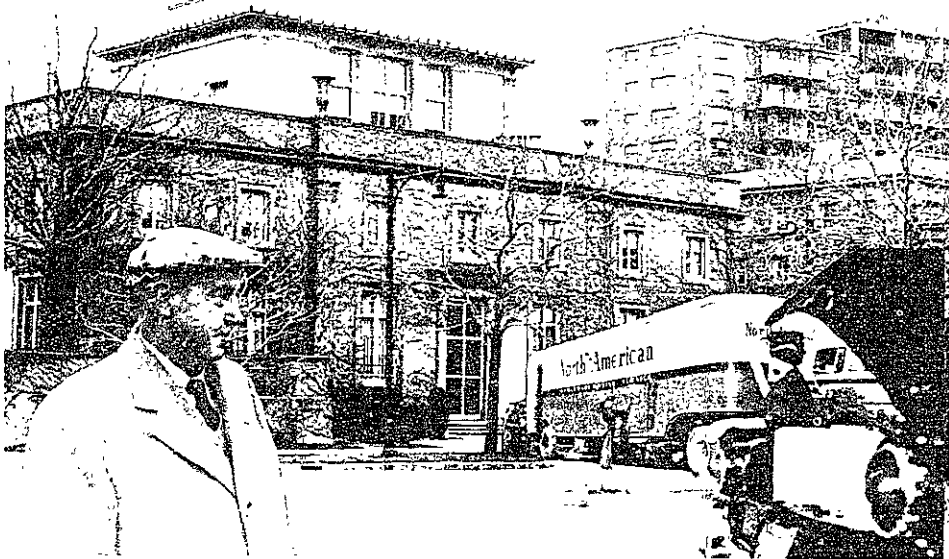
On the evening of March 23, a fire was reported in Building 24, but the firemen could find only smoke. After an exhaustive search, a fireman entered the X-Ray Crystallography Lab and found a machine with slightly twitching meters surrounded by two packs of half-smoked still-warm cigarettes; the room was empty and had been locked for days. The evidence—and the fireman—were hastily and quietly taken into custody by Institute authorities before the public could find out. Eventually other firemen entered the room and blamed the smoke on a leaking transformer in another machine. To divert suspicion from the real culprit, the Institute readily confirmed their belief. An investigation of the incidents was already underway.

Mutation

Early last week, something occurred that finally caused a cordon of FBI and SF men to surround the area where all the trouble had been. When the day custodian arrived to relieve his partner, Melvin Pimplebottom, he could find only the man's clothes and a pile of writhing matter in the middle of the floor. He summoned the proper authorities, but, when they arrived, the pile was gone. In one corner of the room sat a large black cat with a contented smile, nervously burping. Said Lt. John Law of the SF, "We suspected foul play, but were once more ordered to give no information."

(Continued on page 3)

Skeletons In Closets Routed Too; By Wily Doc And Swarthy Crew



Doc Killian bids adieu to the stately President's House while six swarthy movers load his furniture into the waiting van. After the luggage is stowed in the trunk of the car in the foreground, he will be off for who knows where?

Doc Stratton moved into the President's House yesterday, after a brief skirmish in the drawing room. Accompanied by six swarthy brutes from the Sabbath Day Movers and a lone civil engineer (who engineered the coup), the wily Stratton assaulted the House in broad daylight, catching Doc Killian, home from Washington for the week-end, off-guard.

Evicted, along with Killian and his family, were fourteen Russian scientists, a mongrel dog, the Governor of South Carolina, the illegitimate son of a duPont vice-president.

The assault started when Stratton bounded up the front walk and pounded on the front door. Killian was just then pacing the roof-porch in a pith helmet, eyes peeled for enemy planes. ("Civil Defense is your job.")

"See anything up there?" Stratton shouted.

"Nothing but blue sky, old boy. Incidentally, have you any idea what makes the sky blue?"

"Haven't the foggiest."

Just then a Russian submarine surfaced in the Charles. Killian saw it at once and watched it intently while the Sabbath Day Movers took away the furniture.

Too late, Killian discovered his peril. He hurried into the drawing room, intent on rescuing his art treasures and library of rare books. But the wily Stratton was already there, armed only with the laws of physics and sublime faith. Killian could rescue naught but a plaid sport cap before he hurtled out through the front door and into space.

Once ensconced, Stratton issued this statement from the parlor of the President's House: "Order is restored. All things are in their rightful place, close the shutter, dear, it's a trifle drafty in here. My penthouse apartment at 100 Memorial Drive will be converted immediately into a heliport where fraternity men from across the river may land in peace and ride to school in a high-speed elevator."

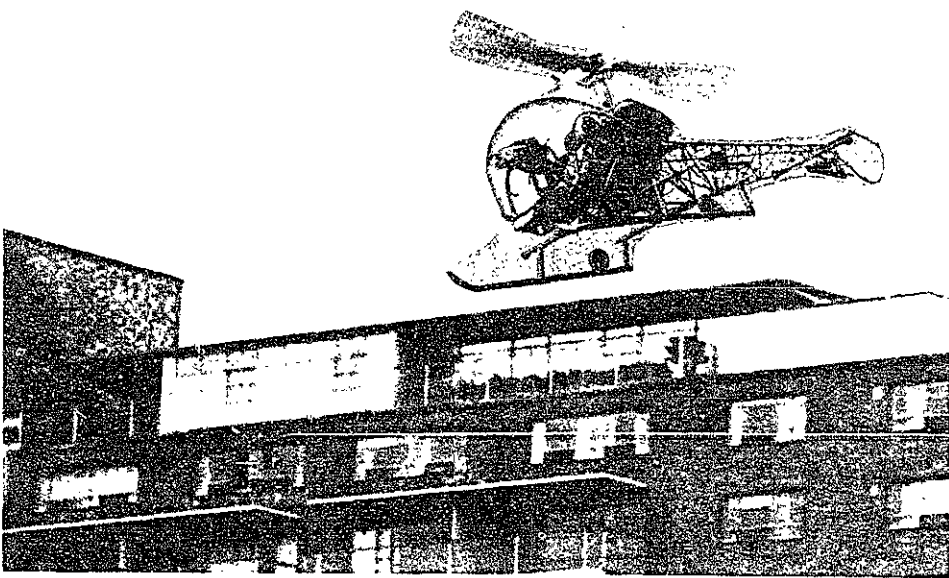
Would Killian now move to Washington? "I can't," he quipped. "My electric razor only works on A.C."

Scientists the world over were disconsolate at the news. "It's a disgrace to the scientific community," said Vannevar Bush. "And an incredibly bad pun as well."

From the White House came the last word: "Despite recent developments in Cambridge, this country still holds a comfortable lead over the Soviets with regard to the housing situation."

Class Hours

MIT Acting President Julius A. Caesar announced last night that the requirement regarding the number of hours per week that Techmen must spend on studies was in for a drastic change. Caesar, speaking at a Burton Cabbage-Head Semina, said, "The time has come to re-examine our Sense of Values and cross-question our True Feelings, and come to a sensible, well-balanced decision which more truly reflects our Sentiments. The matter will soon be placed before the Dormcomm, Incomm, IFC, and Judcomm; I feel sure that the Dean will come to a prompt decision which will be in the best interests of us All."



A slick helicopter makes the first landing at the brand new "Hundred Mem Drive Heliport." In a few days, these helicopters will discharge hosts of fraternity men who will ride fast elevators to school. In the old days, Doc Stratton lived in the penthouse.

McSwill Is Housemistress, To Sleep With Burton Boys

Special to The Tech
VILLA VICINI, Italy, April 5—Elsa McSwill left here today, bound for Cambridge, Massachusetts, to become Housemistress of Burton. "It will be another first for me," she gasped as she took off from the million dollar Lake Vicini in a sky-blue seaplane. She also said she expected to arrive in Cambridge for tea. "Miss McSwill will be given the title of Associate Professor of Woopgaroo Course 25—Bullfighting and Toreador Engineering."



Elsa McSwill sips tea in Burton Snack Bar.

CAMBRIDGE, April 6—Elsa McSwill, looking swillier than ever, came sky-blue seaplane in the Charles River, straight into the arms of Dean George Parry-son. She immediately announced plans to redecorate Burton House. The third and fourth floors will be converted into a wall-to-wall room, she said. "I want nothing but the best for my boys." The ballroom will be used for the egghead seminars. "Miss McSwill herself will share a room with five Techmen. "I just adore

scientists and I've always wanted to learn to use a slipstick," she announced.

Scientists hailed Miss McSwill's appointment with one voice. "Elsa," they said, "gives me a pain."

Super product Hits market In rear as mit Takes credit

Last night Building 16 echoed a most important announcement made by Professors Proctor & Gamble, which, in the authorized opinion of newspaper critics, is going to revolutionize the entire food production system of the United States and, perhaps, the world.

The eminent Food Technologists declared that for the past twenty years, the Student Body at MIT has been used as Guinea Pigs without their knowledge for carrying out extensive research on the properties of certain food matters whose hidden qualities were a mystery for many generations of scientists.

(A group that had suffered badly the effects of this product seems to have been last year's Incomm, considering the appreciable amount of discussion they carried with no purpose at all).

After a close examination of the psychotic cases presented, a thorough analysis of the food matter in the Brownian Motion Laboratory,

Prof. Proctor came out with a solid, amorphous mass of what he termed "SKATA". However, Professor Gamble suggests that it may be the product Russian Scientists have been investigating for an equal length of time which they have named "GAV-NO". At any rate, this product will eventually be mass-produced at the "16" rooms in the East Campus parallels which will be specially re-decorated for the purpose.

This will be processed at Building 16 and then it will be distributed in Physics Lectures and Humanities classes in the form of extensive doses of the same material.

Dean Sodaburger of the School of Engineering stated that "Actually, since Apis of Egypt, this product has been well known to mankind. However, it has never been used in industrial amounts to feed the scientific minds. We feel that we are miles ahead of the Russians in this field."


Our comment: "Hoozanga!"

"Know Ye the truth and Ye will make us rich."

ALFRED E. NEWMAN

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On Campus with Mags Shilman
 (By the author of "I was a Tech Tool for the IFC" and "Are all the Meatballs in Walker?")

STUDENT GOVERNMENT

AND HOW IT FOUND THE SCREW

Today let us take a few looks at a phenomenon of MIT college life laughingly called Student Government.

What actually goes on at Student Government meetings? To answer this \$0.64 question, let us reprint the typical minutes of a typical meeting held on one of those Thursday nights.

Meeting scheduled for 8:30 p.m. at Lustfield Lounge. Called to order at 8:51 p.m. by Chairman Stepson, presiding. Report was presented by Committee 1.00000069 suggesting that subcommittees be increased to 47. Plans included the promotion of every division of PRC, Secretariat, AWS, BBDO, IFC, Dormcomm, Judcomm., Fincomm, and FOCComm to full status and the separation of Activities Council into a more realistic and bureaucratic organization. Motion made by Dull-Dull Pennsylvania to accept gladly was overruled by Chairman Stepson until New Business time. Motion made by IFC President Sam Dickson to overrule the Chair was tabled to next meeting.

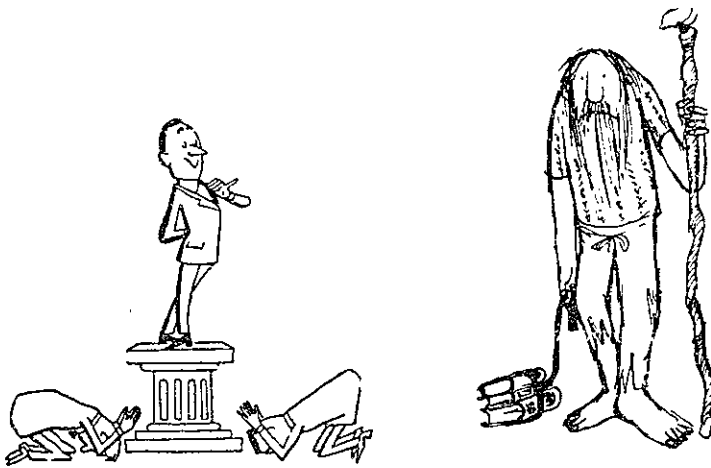
Report by PRC suggests that a life pension be given to its heroic resurrector Panic McGovernment. Motion made to refer to Committee for Hundredth Anniversary of the Institute.

Report made by East Campus House Chairman Pennsylvania requesting appropriation for the purchase of Siamese Cats to end the rodent plague in the Dormitory. Motion seconded and passed to refer report to the Field Day 1959 Committee which was formed by Beaver Key, Q-Club, Brillat-Savarin and Mickey Mouse Club.

Report by Dormitory Council on the proposed position for the AWS on Dormcon. The Hot Seat Committee report will take care of these matters and report next Halloween.

New report of the Parking Committee favors import of foreign cars. Suggestion, made by President of Class of Suddenly 1960, proposes appointing the pilgrims of Stew Moths to investigate the matter further.

Report by former Chairmen Armtucked, Yawns and Salmona on what Student Government is, referred to an appeal for usage of the "to the brink" System and proposed that these policies be formulated by people who realize the importance of MIT as an institution. Approval was made of the Report and, in true republican spirit, Stepson appointed alumnus Jack Driscoll, Father J. Eddy Nugget, Rabbi Herm Polishberg and Rev. Hallsbanana to pray for the Institute. Such names as Jim Villian '26, Travel-Wabble Dullass, and famous golfer Ike the Pike were politely flushed.



Discussion followed about raising spirit on Campus. President of '61 Horsey Bum suggested that since the Red Sox would move to a 60,000 seat park soon, and since Harvard has Soldiers Field and BU has Braves Field, MIT could do no less than purchase Fenway Park, as it is a shame that such energetic and hair-in-chest contests as Field Day and the Tech-Voo Doo Beerball game are carried on in the dirty swamp called "Piggs Field". Suggestion was made to refer this matter to the Collection Committee of the Alumni Association and General Motors, without the mention to the "Swamp" in order not to offend Prof. Charming, Adviser to Foreign Students, who, since time immemorial has had a great passion for swamps.

Pole Ekburger, now in New Business, moved that "Since *The Tech* has always been the most important activity on Campus and it has overshadowed every single item from Course XXI to the Athletic Confabulation, and since every student in campus is subject to the influence of the paper, Inscomm abolished it and will replace it next term by the "Osiris Barf". Motion was not passed, however; Sam Dickson made the usual brilliant statement that nobody in the Institute could conceivably be informed of the motion, since the only other system of communication that could be used to inform the students is V.D. and very few take it seriously anyway. Therefore, the motion was flushed again.

The following resolution, near 12:50 p.m. was proposed by he-man Adolf A. Hit-Novak:

"Whereas Marlbrando is the cigarette of Filter, Flavor and Fliptop box—tattoo optional, and Whereas, I smoke Vice-Vice and Whereas Caramel advertising offers the most abnoxious personality tests and whereas President Villian graduated below 3.00; Be it resolved that it is the sense of this meeting that an honest-to-goodness whole man at MIT is not produced by an Administration which serves Commons Milk with a saltpeter base. Therefore, since the date of the next Beer-Ball game, only beer and cigars will be considered in good taste around Campus for a minimum 'whole-man' status."

* * * * *

The makers of Marlbrando, who get you stuck with this column, ask for your pardons for boring you so often. Unfortunately, both *The Tech* and us have to make money to be able to exist, and so does the Institute.

Wheel of Fortune

Recently the editors of the Reamer went into orbit above the City of Boston. As we looked down on this great metropolis, known as The Hub, we suddenly realized why. It was standing still!

This is deplorable. Ever since Young crossed the Rubicon and the ass crossed the mare people and places have been going places. Look at Hoover Dam and Eniwetok!

Yes, it's time we wiped the soap suds from our eyes and the chocolate from our lips and raised a little HELL around here!!!

the chisler

Suckers and sharpies alike will enjoy this week's hand in which a clever check by one of the players bluffed all his opponents out of the pot. This hand, one played last Saturday night at the *Past the Buck and Inside Straight Poker Club*, demonstrates that the force check can be a powerful bluff if used at the proper time.

North	North East
S—5	S—
H—	H—7 8
D—2 3 10	D—9 8
C—K	C—2

West	East
S—2	S—A
H—9 4	H—A Q
D—	D—A
C—8 6	C—A

	South
	S—J 9
	H—J
	D—J
	C—J

East is dealer (naturally)

The betting

S	W	N	NE	E
Check	\$10	See	Raise \$100	Raise \$10
See	Fold	See	Fold	

The draw

S	N	E
3 to J 9 of S	Pat	4 to Q of H

Second betting:

S	N	East
Check	Fold	Fold

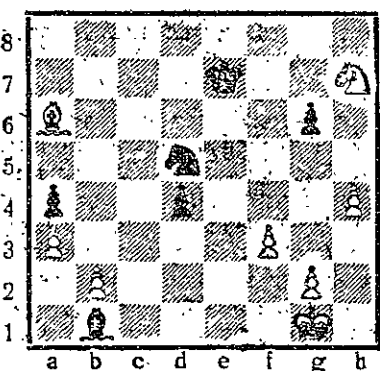
South clearly played his cards right on this one. A force check in two betting rounds was too much for East's four aces. East being dealer (naturally), he couldn't understand why South should check with four jacks. East's natural assumption was that there were more aces in the deck than met the eye, thereby drawing to his queen of hearts hoping for a straight flush. Not drawing his straight flush and seeing South's jack of spades and a sharp razor, East decided to beat a hasty retreat to the beer closet.

Next Saturday evening the annual Jacks and Back Tournament will be held at Club 254 at 10 p.m. All interested fish and kibitzers are welcome. No marked decks, please.

Alfred E. Jacoby

checkmate

ОКОНЧАНИЕ ШЕСТОЯ ПАРТИИ
 Смыслов



БОТВИННИК

41. Kpf2 (Записанный ход) 41... Ke3
 42. Se2 Kpe6 (Если 42... Kd5, с угрозой 43... d3, то 43. Cb5!) 43. Kg5+ Kpd5 44. Ke4! (Жертвует пешку, Ботвинник уничтожает активного слона черных. Теперь исход борьбы решает проходная пешка на королевском фланге) 44... C:e4 45. fe+ Kp:e4 46. g4 Kpf4 47. h5 gh 48. gh Kpg5 49. Kpf3. Черные сдались.

The Social Beaver

Goes:

FISHING IN BARCELONA

by Albertle Turtle '59

Now that Ted Williams has been showing off his equipment at the famous Boston Sportsmen Show last month, most of our Varsity managers will realize that they should follow the example of the MIT Choral Society and send teams to the Old Continent to gain international experience.

Even if "The Kid" makes a winter sport of Fishing, it's tough for the Engineers to develop in tooling times; but this summer many will put away the books and head for the Fishing Banks. It is up to the better judgment of our athletic directors to place the most able-bodied men in one of Stew Mott's planes and send them off for a hot and wet season of Fishing.

It is to be hoped that they will select men with good eye for the right prey, speed in action and good equipment such as hard, retractible harpoons and superior quality rubber masks for protection against the roughness of the seas.

Barcelona Is Paradise

Price and qualitywise, the best city is Barcelona, the large metropolis on the shores of the Mediterranean. Unfortunately, the Spanish Government, jealous of foreign competition, revoked all licenses in May 1955, and man's most famous sport since Biblical times has gone into the shadows of clandestinity. Nevertheless, the Spanish authorities are quite decent, and to tell the truth, no policeman has a 20-20 vision. Therefore, the collegiate crowd has an ample opportunity to join any of the many organizations which pursue the sport.

Price Right at Bikini

The best of the best is the Bikini Club on Avenida Del Generalissimo Francisco Franco. Here, you can find ample opportunity of broadening your experiences as you relax and talk with experts and connoisseurs of the game. Your credits will be checked and, on proving that you are "one of the boys" you will be able to get your membership card for the nominal fee of 100 pesetas. For another 300 you could conceivably join one of the many all-night, all-included expeditions at the Club's private beach softly illuminated with contrasting Cardinal lights and Gray shadows which will bring sweet remembrances to many a sentimentalist.

Professionals Available

Since Peter, Patron Saint of all fishermen, the sport has made itself available to the working classes. Many people make out a living of it. So, for cheaper qualities, but good socializing, you may meet your kind at the Ramblas. If you prefer strictly amateur experience you may try the Muelle and Paseo Del Almirante. Those with an eye for dramatic experience could be satisfied with Avenida del Marques Del Duero. Finally, those lucky ones in the Diplomatic Service have found Calle Pelayo to be most rewarding.

Even if Spain is famous for many things, it is suggested that you bring as equipment some of the reliable American trade marks. The native tools are not of such a good finish in the manufacturing process and you should try to avoid catastrophic failures in competition.

Precautions Increase Catch

For those who are not well informed and accustomed to the local conditions of weather, it is recommended that retarded action should be used in the first few days. If certain critical points get hot during action, H-R jelly is absolutely recommended for lubrication. Controlable doses of Manzanilla will help speed and delivery.

With these prospects in mind it can be expected that many a winning story will be written next Fall as our Eager Beavers return from overseas after having tried for some new depths.

Harvard Is Basement Bargain

In a surprise announcement yesterday, Professor John E. Churchard, Dean of the School of Humanities, announced plans for absorbing the entire plant of Harvard College into the Course 21 curriculum here. Harvard, widely regarded as one of the best schools in the Boston area, has been in serious financial trouble in recent years, due to the fact that students there pay only one-half of the cost of their education in the form of tuition. According to Har-

vard president Nathan S. Perse, "We of Harvard feel honored to be deemed worthy of merging with a university of such high esteem and world renown. I am sure Harvard can contribute markedly to the already outstanding MIT Humanities Department."
The new department will be housed in a thirty-five story skyscraper, "a veritable monolith of wisdom", to be constructed along the shores of

famous Walden Pond, thirty miles outside of Boston. The structure will have provisions for advanced studies in introspection, and pragmatic analysis, and will be liberally furnished with pipe tobacco vending machines.
The new Department will be called Oxford University.



Red Socks Release Sparkplug; Fans Recall Weak-Hitting Villian

Alberto Velaochager, light-hitting sparkplug of last year's Red Socks team, was cut from the roster today, said a release from the team's registrar. Velaochager, for two years a .250 hitter, saw his average drop to .140, and himself farmed out to the Socks' Boston affiliate, the Terriers, most of whose action takes place at night.
Velaochager disconsolate, attributed his recent failure to some tough calls by league umpires. "I feel sure," said umpire-baiter Velaochager, "that they were out to get me. Many of my hits were scored as errors. With straightforward officiating, my average would have been a good eighty points higher."

in a top flight showing with the Terriers, he will be back with the club for another try in midsummer. Said Velaochager, "I expect to be a regular again by World Series time."
Adherents of the local aggregation were shocked to hear of their favorite's release. Old-timers recalled that the Socks' all time great and Hall of Famer Jim (Good Field, No Hit) Villian, compiled a life-time average of only .274. Villian, of course, was of value far in excess of his feeble slugging average. A former leader of the club, he is now a special assistant to the commissioner (who of course is best known for his performances in another sport).
Socks manager "Slugger" Svenson commented on the move, "We've got a hard-hitting club this year, and it's going to be tough on those veterans whose hitting falls down."

Join the MIT NIGHT CLUB. Only for guys who'd received votes. Unpopular fellows not accepted. Meetings every nights from 7:15 to 9 P.M. Monday through Friday across the river on the Commonwealth Avenue House. Don't worry; you'll have lots of company.

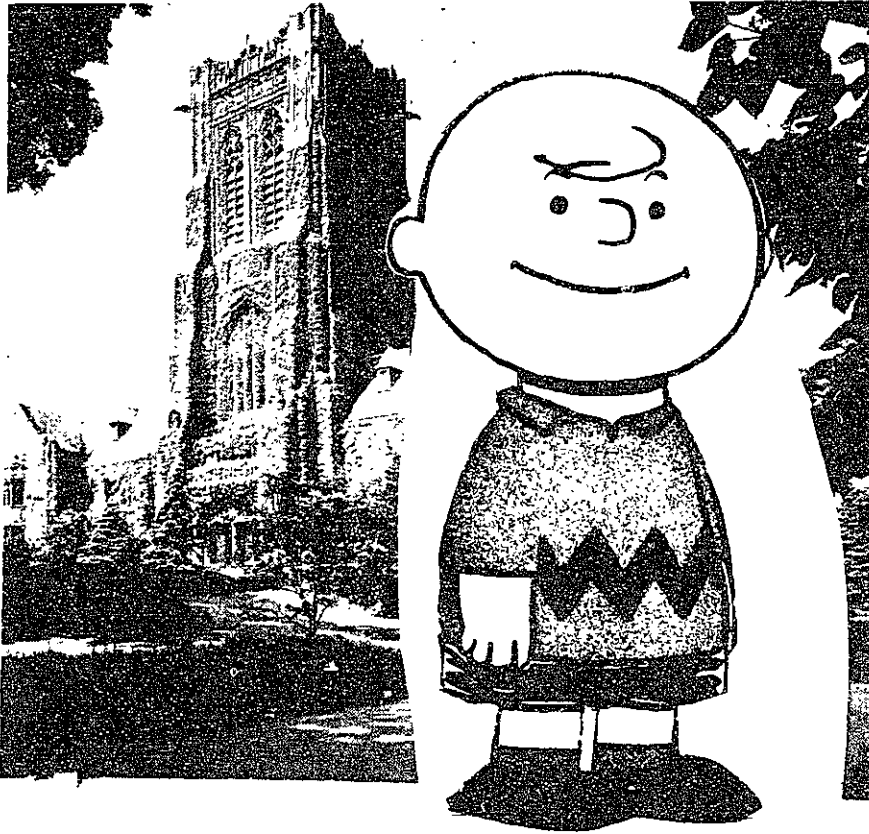
Defense Counselor,
"A SERVICE FOR A CARTON"
Contact the Ever-Winner J.A.F. '57 Q. C.
Found usually under the table.
Defender of the famous case
Dormcomm v. Turtle

MIT Markets Securities Out

An announcement of importance to all investors was made recently. The MIT Corporation is about to issue a large series of common stock. The first set available to outside investors, the Institute issue is fraught with potential. Market-insiders tab Institute common a sure thing. While prices have risen some 100% in the last decade, demand, despite consumer protests, has remained steady and has even, perhaps, shown a slight increase.
Fortunately able to retain a large part of the market as captive consumers, Institute management has shown ruthless efficiency in its pricing policies. Outstanding public relations programs have shielded alleged deficiencies in the product. Coupled with this demand-producing effectiveness, the Corporation's four-year installment plan is invaluable in holding onto customers who, unwilling to forfeit their interests, continue payments at a markedly increased rate.
The last and, perhaps, most important asset of the operation is its ability to capture phenomenal brand loyalty. Old consumers, even past their four-year installment period, invariably return to more or offer low-cost financing programs for potential customers. Many even buy up large quantities of the product for future use. Here, then, is an issue whose success is based upon a ninety-seven year old incredibly successful marketing campaign, whose profit is assured despite any decrease in product quality, a product which merits your immediate inspection.

Charlie Brown asks:

How are my opportunities for advancement at DuPont?



Charlie Brown expects to receive his BS in sanitary engineering from MIT this June. He has served as undergraduate president and is a member of Sigma Epsilon Chi fraternity. Charlie is now wondering about the pros and cons of further experiments in his field.

Crayford Greenwald answers:

Well, Charlie, I'm glad you asked that question. Opportunities at DuPont are outstanding. Of course, how fast you advance and how high you climb depend on demonstrated ability in your job. I'm sure you will be gratified to know that many MIT men like yourself have done well here at DuPont. For instance, Sam DuPont (MIT '56) has been here only a year and is already a member of the board of directors; Joe DuPont (MIT '55) is in charge of all manufacturing; Pierre DuPont (MIT '53) is a Vice-President. So you can see, Charlie, that here at DuPont, advancement depends on ability and not age.
Another thing, Charlie, you've heard jokes about marrying the boss's daughter. Well, it's no joke here at DuPont. We've got a lot of bosses, so your chances of marrying the boss' daughter are outstanding.
There are genuine opportunities here, Charlie, but it's up to you. I think you'll find that chasing opportunities for advancement is a challenging and rewarding field at DuPont.

Crayford Greenwald, VIP, came to the Product Testing Section of Du Pont's Rubber Products Division from the Massachusetts Institute of Technology thirty years ago. In the years that followed, he did outstanding and rewarding work for the company. On a special assignment for the Section one day, he met Phyllis Du Pont. They were married shortly after. His meteoric rise to President of Du Pont is a matter of record.

ARE YOU INTERESTED IN ADVANCEMENT?
About 50 Du Pont scientists are now married to Du Pont daughters, aided by some 100,000 other employees. Sanitary testing facilities of the highest quality are available at the Du Pont Testing Station near Wilmington. Information about such activities is given in "Better Pay for Better Jobs Through Marriage." Write for your copy of this free book.

DUPONT

BETTER THINGS FOR BETTER LIVING . . . THROUGH MONEY

MUTATIONS
(Continued from page 1)
Building 24 was put under martial law.
During the remainder of the week, a group of the country's finest scientists, professors, and graduate students prowled through the building, seeking the source of the trouble which was finally traced to the cyclotron. After an intense investigation, it was discovered that the machine was emitting a totally unfamiliar ray that was capable, through an equally unfamiliar phenomena, of causing the strange happenings. The scientific teams began at once to make a study of the new radiation, but little has been accomplished. As a result, it has been decided that the study should be referred completely to MIT as an 8.02 special problem.

Reveal Girl Seduction Ring

A Wellesley College girl was arrested by Security Force Police yesterday evening, while roaming suspiciously through East Campus dorms. She was later found to be a ring leader in an extensive husband-hunting syndicate, operating in three quarters of the women's colleges in the Boston area.

A Simmons College spokesman, in an exclusive *Daily Reamer* interview, has admitted that girls there must belong to this guild, known as "The Free Thinkers Society for Promotion of Hasty Marriages", as a prerequisite for graduation. Likewise, a Wheelock Dean has admitted encour-

aging girls there to enroll in the secret society as a part of the broad education offered at that college.

Women students are organized into assault teams in their freshman year, attending hourly classes dealing with such topics as: "body dynamics", "elementary perfume techniques", "effective innocence", and "principles of gold digging". Laboratory periods offering practical experience in the art, are held monthly, and are known to the society as "acquaintance dances".

By the time she has reached her sophomore year, the average girl is deemed fit for duty, and is dispatch-

ed to lure unwary male students from their studies.

Proposals for marriage are solicited through the subtle arts of seduction learned in primary training. Essentially, the accepted scheme is: 1. contact, 2. cultivation, and 3. the big pitch—usually enacted behind closed doors of dormitory rooms, particularly in Baker House.

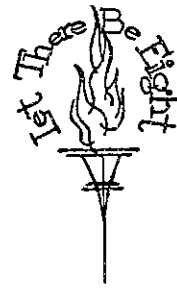
MIT men, as potential \$12,000 a year engineers, are considered top notch prospects. "MIT men are easy prey, due to the unwholesome surroundings inherent in a factory atmosphere," said a Radcliffe girl, "even our novices have had great success there."

This fact is borne out by the record of one Chandler girl, who has said

to have been engaged simultaneously with eleven different MIT men.

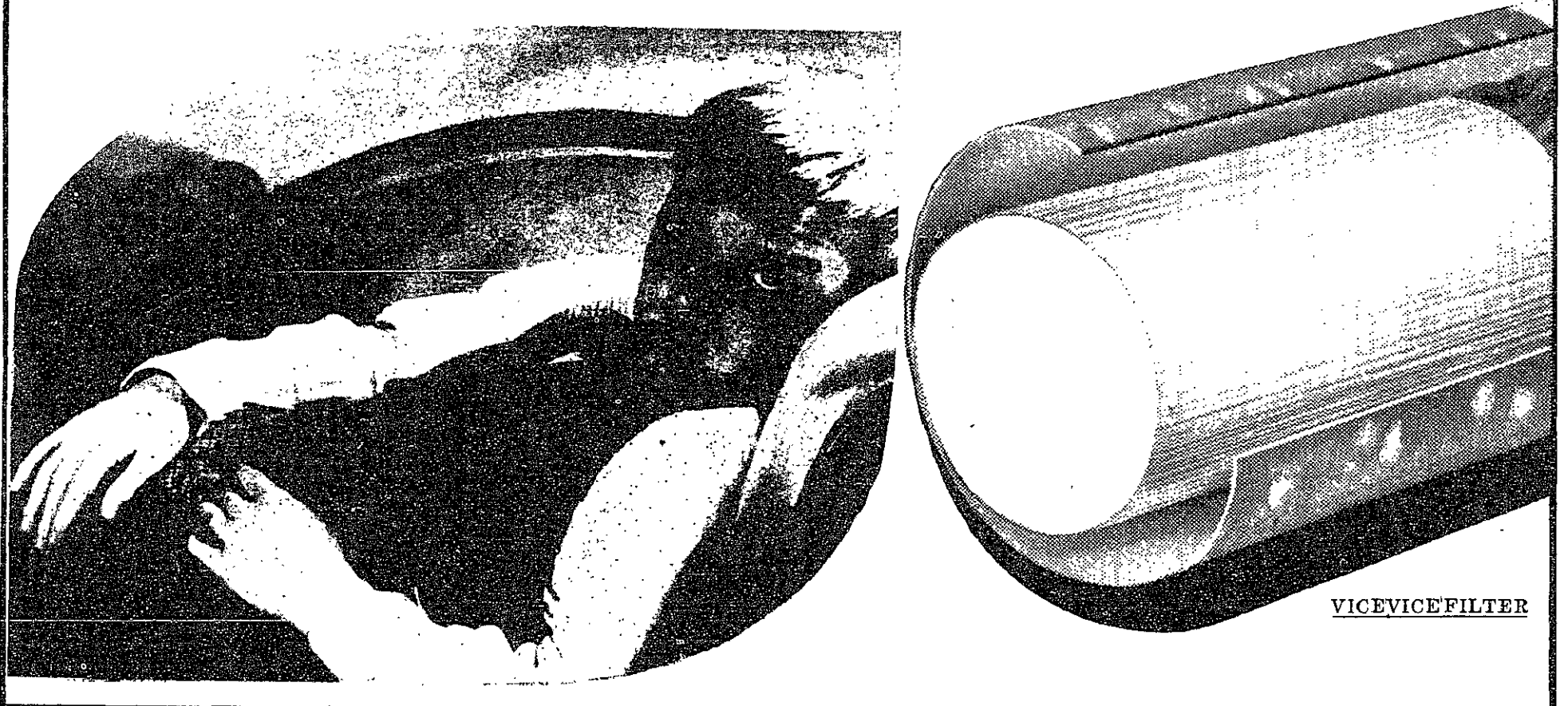
The crime-smashing Security Force is busily devising countermeasures and hopes to prevent further damage to Technology morals by placing all girl colleges on an off-limits list.

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