The Judicial Committee has announced that, “During the past four weeks the Institute sponsored the Student Staff Quiz Book. It was the aim of the Committee to interest the Walker Staff in the Quiz Book.”

C. L. Miller Appointed Civil Engineering Head; Will Now Consultant

Professor Charles L. Miller has been appointed head of the Department of Civil Engineering, effective immediately. Pro-

Open Line Continues InScccM Discusses Union

At a meeting of the Institute Committee, it was announced that InScccM Open Line will continue discussion about student government. InScccM twins with various Deans of the Institute in the coming weeks. Last week Deans Dean Dean participated in a discussion about student financial aid. A possible discussion may be in the future about the issue of increased university tuition.

Sig Ep Circus Draws 600 To Well-Decorated House

Sigma Psi Epsilon's Circus Party last Thursday evening, was held in the student union building. The circus was well attended and the decorations were impressive.

MIT Student Filled By US Government

An MIT graduate student, William A. Baily, recently received a federal training grant. This grant will enable him to work towards obtaining a Ph.D. in Mechanical Engineering.

LSC's Cyrus Eaton Predicts 'Age of Reconstruction'

By Rich Wiener '63

In a speech to roughly 400 students in the student union building last Thursday evening, Cyrus Eaton, the controversial American industrialist, provided a thought-provoking perspective on the nature of the modern worker.

Mr. Eaton's speech, "The Engineer as Philosopher and Citizen," was delivered in the student union building and was well received by the audience.

While couples danced to gong music, an occasion of gaiety, jokes and giantees appeared among the crowd.

Sig Ep President Bruce Smith said: "Our party was quite successful and we are looking forward to seeing everyone back in 1960."

INDEX

of the Tech will not be published next week. The next issue will be published on October 7th.

Calendar of Events...

Sports... 10-12

Staff, in producing the booklet, realized that the letter was brought to the attention of the freshmen. The departments continued on a part-time basis.

Supplement

The "College Diet" is be-

New online platform for this week of The Tech, with a focus on campus activities.
haskell

the Schaefer bear

Why don't you play it cool? Always insist on Schaefer—the one beer to have when you're having more than one.
towels and massage-in comfort. Regular
the most
makes Super Smooth Shave
Shaves that are so comfortable you barely feel the
barber shop
approximation to
action gives Old Spice Super Smooth Shave
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Letters To The Tech

To the Editor:

Your editorial of Nov. 8, which criticizes the Union, has made me keenly aware of the need to improve our daily activities here at MIT. It is clear that the Union, in its present state, is quite different from the one that was envisioned by the student body. In fact, it is not even close to the model that the student government had in mind when it was created.

We need to address the issue of the Union's current status and take action to improve it. The Union is a crucial part of the MIT campus life, and we must ensure that it fulfills its mission to serve the students. The student government has a role in this, but it is not the only one. The student body must also take responsibility for the Union's success.

The student body needs to have a say in the decisions that affect the Union. This means that we need to increase student representation in the Union's decision-making processes. We need to ensure that the Union's policies are in line with the needs and desires of the student body. This will require a combination of action and discussion.

In conclusion, the Union is a critical part of the MIT campus life. We need to work together to improve it and ensure that it fulfills its mission to serve the students. The student government, the student body, and the administration must all take responsibility for this.

Sincerely,

[Signature]

Rights On Moral Decisions

The following article was printed early this morning in the Manchester, England newspaper The Guardian. It seems to us that we should print it here to our readers to see how others look upon this question. It is a crucial topic, and we believe that it is important for our readers to have a clear understanding of how others view it.

In this country there has scarcely been a riposte to this question of moral decision. The Guardian has been a major voice in the debate, and we believe that it is important for our readers to have a clear understanding of how others view it.

The Guardian's article is a powerful argument in favor of the view that moral decisions are not made on the basis of personal whim or desire, but on the basis of a deeper understanding of the world around us. It is a powerful argument in favor of the view that moral decisions are not made on the basis of personal whim or desire, but on the basis of a deeper understanding of the world around us.

In conclusion, we believe that The Guardian's article is a powerful argument in favor of the view that moral decisions are not made on the basis of personal whim or desire, but on the basis of a deeper understanding of the world around us. We hope that our readers will take the time to read it and consider its arguments.

Sincerely,

[Signature]
MIT Education

(Continued from page 4)

veloping new technologies there is an urgent need in industry for the engineering scientist, and he must be trained in engineering departments of the universities. However, even if at some future date some students are trained in engineering science, the need for practical design engineers will remain. We can also expect to see engineering graduates playing a greater part in production engineering, as workshop managers and perhaps as workshop superintendents or foremen. In planning our new bigger university engineering schools it should be possible to provide three streams:

1. Engineering scientists ranging over a wide field of applied science.
2. Engineers trained in design and development, and
3. "Industrial" engineers with some training in production engineering, industrial administration, and work study.

We are not suggesting that we should attempt to copy the MIT pattern. We do consider that the present educational experiments at MIT should be carefully examined and that these examples should encourage a more adventurous outlook in our own planning.

Exams?

Here's the easy and safe way to keep mentally alert:

It's the safe stay awake tablet—NoDoz®. And it's especially helpful when you must be sharp under pressure. NoDoz helps restore mental alertness in minutes.

NoDoz keeps you alert with the safe awakener "found safe way to keep mentally alert:

Help in a Technical-Non Sales Field

Part Time Student Help in a Technical-
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3-5 Hours/ Night Arranged To Meet Student's Requirements.

7 Harvard St. (Kendall Sq.), L. Libresco

Hunt For Elusive Omegas Subject Of VII Colloquium

By Tom Sholes '62

In Physics, theories are generally made to fit experimental facts. It seems unusual when an experiment could disprove an existing theory, but such was the work described by Professor Louis Osborne of the Physics Department and New-Yorker Group in his colloquium "On the Trail of the Omega", given last Thursday at 4:30 in 26-106.

In his informal and often humorous talk, Professor Osborne described what he and other workers, both at MIT and elsewhere, have accomplished in seeking a new fundamental particle (the Omega). This particle would improve the symmetry of existing particle-patterns, leading to a generalization of several (theoretical) predictions. Lambda, Sigma XI "Omega", FI, K.

The trail began several years ago when a type of "inverted pyramid" relationship was noted, in which one Lambda-meson was followed by three sigma-mesons, and in turn four Xi-mesons. A similar relationship existed between three Pi-mesons and four K-mesons, but no single particle below the Pi-mesons had been found. The hypothetical particle was named the Omega-meson, and a systematic search was begun.

Various clues were used to establish the properties of the missing particle: proton-deuterium interactions showed a mysterious "bump" in the intensity of counts at a certain point; charge distinction of neutrons showed some unexpected effects; and a rare interaction of fundamental particles could best be explained by hypothesizing a particle with certain properties. Putting these together, the spin, rest mass, and other characteristic quantities were found, knowing these permitted the experimenters to devise a way to detect the Omega.

Cross-section Not Detected

In particle physics, "detecting" a particle often consists of no more than determining the scattering cross-section of it. An experiment at Cal-Tech May found nothing and in doing so proved the cross-section too small than the resolving power of the apparatus. The number was so small as to seem physically unreasonable, so the MIT group tried a new approach.

The physical process of the experiment involved an interaction between protons and gamma rays in which pion-mesons are emitted; various parameters were adjusted to detect the Omega-meson. The actual runs were made with the linear accelerator at Cornell University, which had a beam strong enough to give a fair number of counts, according to predictions. Unfortunately, despite a variety of conditions, no counts and hence no Omegas, were detected.

Bubble-Chamber Success

Professor Osborne described more successful results which had been achieved at Berkeley by their bubble-chamber group. They identified a new particle as the Omega, although it did not have exactly the same properties as originally thought.

In the last few weeks, further work around the country has verified other predictions relating to the Omega. The most recent work at Cal-Tech explained the original "bump" which was useful in earlier work; surprisingly, in doing this another bump occurred, which is as yet unexplained.

Professor Osborne remarked that he will be watching this new bump grow and closed with the thought that high-energy particle physics is a rich field, but by no means simple.
Harpischordist Appears at Jordan

Sylvia Marlow, harpsichordist and recording artist, will give a recital in Jordan Hall, December 4, at 8:30 p.m. The recital will be a performance of the “Goldberg Variations” by Johann Sebastian Bach.

Miss Marlow has been soloist with the Boston Symphony and harpsichordist with the Boston Society of Ancient Instruments, a group whose performing members included some of the most distinguished members of the Boston Symphony. Since her last performance in Boston, ten years ago, Miss Marlow has performed internationally with major orchestras, in recitals, on recordings, and on radio and television.

Sunday Evening NOVEMBER 26 at 8 o'clock
Dr. ROBERT C. WEAVER
(Director, U. S. Housing and Home Finance Agency)

"The Urban Frontier"
FORD HALL FORUM
JORDAN HALL — Gainsboro St. ter. Hastings Ave. — BOSTON
DOORS OPEN 7:45 P.M.
EVERYONE WELCOME

Robert Weaver at Ford Hall Forum

Dr. Robert C. Weaver, the Administrator of the United States Housing and Home Finance Agency, will speak on the "Urban Frontier" this Sunday night at Jordan Hall (30 Gainsboro St.).

The lecture, which begins at 8 p.m., is part of the Ford Hall Forum series, which has recently attracted many tech students at MIT. In the series are: Joseph Frost, James E. Hoff, Ayen Hambour, Max Lerner, and Ambassador Herve Altiory of France. Admission is nominal $0.50.

The award-winning "Firsharabi..." by Amour is currently showing at the Brattle Theater. Hailed by many as "the most moving, emotional film in many years" and as "the greatest of the post-war epics," the film was a world event. The film was shown at the New York Film Festival to a packed house.

For those of you who love to join "oh-the-month," clubs, Boston offers a related plan, the Show of the Month Club. For $5.99, you may purchase a membership for two people, which entitles you to buy tickets to many of Boston's top plays, over 40% of them at a discount.

If you go to plays with any reasonable frequency, this might be a good thing to help you save some money, and to ensure you seats. For more information, contact the Show of the Month Club, 49- Portland St., Boston 42.

Allen Drury's Pulitzer Prize-winning novel, "Advice and Consent," is currently showing at the Brattle Theater. Hailed by many as "the most moving, emotional film in many years" and as "the greatest of the post-war epics," the film was a world event. The film was shown at the New York Film Festival to a packed house.

SALE!

VOX CLASSICAL RECORDS

2.69 — any 4... 10.00
Reg. 4.98 Schwann Cat. List

BOXED SETS

5.99 — any 3... 16.00
3 - 12" LP's per Set
Reg. 7.95 Schwann Cat. List

Tech Coop

Patrons: Refund Too!

FLYING COLORS: New Orleans' own rock band will perform on the Beauty Pageant stage at 11:30 p.m. The band is known for its energetic live performances and is popular with audiences across the United States.

Sylvia Marlow, harpsichordist and recording artist, will give a recital in Jordan Hall, December 4, at 8:30 p.m. The recital will be a performance of the “Goldberg Variations” by Johann Sebastian Bach.

Miss Marlow has been soloist with the Boston Symphony and harpsichordist with the Boston Society of Ancient Instruments, a group whose performing members included some of the most distinguished members of the Boston Symphony. Since her last performance in Boston, ten years ago, Miss Marlow has performed internationally with major orchestras, in recitals, on recordings, and on radio and television.

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DOORS OPEN 7:45 P.M.
EVERYONE WELCOME
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World Premier Of Opera At Kesge

The Community Church of Boston
Carnegie Auditorium
21 Homeway Street
Dr. Abraham J. Krasnow
Leader, Composers' League of the United Kingdom

"The Decline of the Western Nations"
Sunday, Nov. 26, 10:30 A.M.
Dr. Paul C. Maclean
Dec. 9—William L. Ohman

brigitte bardot
today's most talked about star in the role she has been rehearsing all her life!

"The Truth"
KENMORE
NOW PLAYING

(Actor of "Barefoot Boy With Check", "The Many Loves of Dobie Gillis", etc.)

IT'S LATER THAN YOU THINK!
All year long you've been promising yourself to go there. Now the semester is nearly over and you still haven't set foot in the place. Shame on you!

But it's not too late. Right now, this very minute, before you weaken, lift up your head and forward march to the place you have been avoiding ever since school began. Here, of course, is the library.

Now here you are at the library. That wasn't so bad, was it? Of course not! Go inside. What sign says "NO SMOKING." Go outside. Light a Marlboro. Smoke. Go back inside.

Because now you are ready. Now your trembling resolution is rigid. Now your pulsing psyche is serene. You have been caressed by said Marlboro. You have been soothed by that fine selectate filter, by that fine full flavor that dotes and pampered and caresses, that lifts the fallen, repairs the shattered, straightens the best, unmasks the knotted, rights the askew, and fastens the unbuttoned.

In the center of the library you see the main circulation desk. Look in the catalog. . . . But it's only the place of the book you want, write the number on a slip, and hand it to the efficient and obliging young lady at the desk. The efficient and obliging young lady then gives the slip to an efficient and obliging boy who trots briskly back into the stacks, ears up on a lisp leaper encyclopedia, and shoves for an hour or two. Then, puffy but refreshed, he returns your slip to the efficient and obliging young lady at the desk, who tells you one of three things: (a) "Your book is out," (b) "Your book is on reserve."

Having learned that the circulation desk hasn't the least intention of ever parting with a book, let us now go into the periodical room. Here we spend hours sifting through an imposing array of magazines—magazines from all the far corners of the world, magazines of every nature and description—but though we search diligently and well, we cannot find Mad or Playboy.

"You flunked or something?"

Next let us venture into the reference room. Here in this lush, radiant chamber, we find the true scholars of the university—eager, dedicated young men and women who care for only one thing in the world: the pursuit of knowledge. Let us eavesdrop for a moment on this erudite couple poring over heavy tomes at the corner table. Hmph! she speaks:

SHE: What's this book all about? (a) "The Origin of Species," etc.)

So we ask her the obvious question:

SHE: What are you doing?

HE: Reading.

SHE: Really? About what?

HE: Philosophy.

SHE: Fascinating! What's the title?

HE: "Philosophy of the Future." No, wait, "Philosophy of the Past."

SHE: Who's the author?


SHE: Who's the publisher?


SHE: "Your book is on reserve."

SHE: Heh-heh.

HE: "The Origin of Spe..."

SHE: She's got a case of the blues.

HE: "Your book is on reserve."

SHE: What's the author doing now?

HE: "Playing golf."

SHE: "Your book is on reserve."

HE: "Your book is out."

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SHE: "Your book is on reserve."

HE: "No, but I seen the movie.

SHE: No, but I seen the movie."

HE: "The Origin of Species. You ever read it?"

SHE: No, but I see the movie.

HE: "Oh."

SHE: "You like the movie?"

HE: "Yeah."

SHE: "What do you like?"

HE: "Hockey, bowling, girls, stuff like that."

SHE: "Me too, hey."

HE: "You planed or anything?"

SHE: "Well, sort of. I'm wearin a fellow's motorcycle armband, but it's only sentimental."

HE: "Wanna go out for a smoke?"

SHE: "Marlboro?"

HE: "What else?"

And as our learned friends take their leave, let us too wander our way homeward—a trifle weary, perhaps, but enlightened and renewed and better citizens for having spent those happy hours in the library, Aloha, library, aloha!

TUESDAY, NOV. 21, 1961
THE TECH
Page 7

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World Premiere Of Opera At Kesge

The Last Twenty" music from the last twenty years was the theme of the program presented by the MIT Concert Band on Saturday afternoon, November 11, at Kresge Auditorium. Under the capable baton of John Corley, the band performed six works written since 1941 and turned in a performance of generally high caliber. Working with players whose primary fields of interest are quite far removed from music, the band played through much of the concert in a manner that would have done much a conservatory band proud.

The program opened with "The Call for Band" by William J. Maloff. Although perhaps a trifl-...
Dr. Glaser went on, describing the study of the atom and the nucleus, he proceeded as follows:

Again, this is what scientists do at the bubble chamber in high-energy particle accelerators.

The next problem is to investigate the nucleus; one experiment again, but this time you ask for a 22. Now you may find little splinters of wood lying on the floor afterward.

World Provides 160 Reactions Here was a problem: a way must be provided so that physicists could observe this and other reactions in detail. The bubble chamber, then in common use, was inadequate because of the great length of time between reactions. The total production of observed reactions was 100 per year.

Dr. Glaser went on to work on the problem; first he considered the possibility of particles being used as catalysts in chemical reactions.

He explained, "This could be done in several ways. For instance, with a mode of decay; here we have a polymer which is insoluble in something and on which various nuclear reactions occur, the related monomer might be very soluble in this event."

It Won't Work "Now all we have to do is to pass a high-speed beam of particles through a saturated solution of the monomer and see if any reaction products that produce the polymer. Then we have the addition of polymer produced and theoretically we can even pull the whole solution out of the solution and measure the angle with a protractor."

Dr. Glaser's thinking next enters, the realm of superheated liquids, and it was at this point that the bubble chamber, the device for which he won the 1960 Nobel prize in Physics, was born.

Particles Leave Trails The principle behind the bubble chamber is as follows: in a superheated liquid, a high energy particle can be maintained in a superheated state, where the high-energy particles from accelerators are focused into the liquid. The bubble chamber is to bring the liquid along their tracks to the point where the liquid is turned out, and air bubbles appear. These are photographed with high-speed photography equipment, and can be studied later in detail.

The first bubble chamber was a one-knob chamber of glass; he explained, this was a large, pulpy area surrounding the bubble. He could have been, but he wasn't; he was Donald A. Glaser, the only Nobel Laureate on the MIT faculty.

He went on speaking, working his way briefly through the development of the modern theory of the atom. ("FAST lecture of this type," he explained, "have to begin like this.") In discussing the study of the atom and the nucleus, he proceeded as follows:

Atten vs. Avocado "Let me make an analogy; suppose you've never seen an avocado before, and you're told to describe it without seeing it or touching it. Well, you ask that the lights be turned out, you tell your assistant to place the avocado on the end of a table, you ask for a b-b gun, and you pop away.

"When you are through, your assistant takes away what's left of the avocado and the lights are turned on. It's rather obvious that on the wall you'll see a large area with imbedded b-b's and pieces of green pulp, but right in the center, you'll find a blank space, indicating that nothing was a hard core, and a large, pulpy area surrounding it. Well, this is what Rutherford did.

Crack the Nucleus! "The next problem is to investigate the core of the nucleus; you run the same experiment again, but this time you ask for a 22. Now you may find little splinters of wood lying on the floor afterward."

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Nobel Winner At Tech

(Continued from page 8)

Dr. Glaser today is a member of the American Physical Society and Sigma Xi; he holds his B.S. from Case Institute of Technology, his Ph. D. in physics and math from Caltech, and an honorary doctorate from Case.

In addition to teaching at Michigan and Berkeley, he has served as consultant to the Institute for Nuclear Studies at the University of Chicago. He has lectured at the International School of Physics at Ravenna, Italy, and recently visited India under the auspices of the American Specialists Program.

Now comes the answer to a question which may have occurred to the reader: "What is Dr. Glaser doing at MIT?" The answer is very simple: he's a visiting professor studying microbiology.

Why?

This seems to be quite a change, but again the explanation is rather simple. Dr. Glaser has always had a liking for biology, and, as he pointed out, a man can't devote himself to two fields at the same time; hence, he has up to the present spent his time in physics.

This year, however, Dr. Glaser had a chance to take a sabbatical and decided to spend it studying biology. During the spring term of this year, he studied molecular biology at the Institute of Micro-Biology, Copenhagen University. He worked with genetics of micro-organisms and cell differentiation.

"Most of the advances in biology in the last ten years have been made in this field," he explained. "One advantage of micro-biology is that it doesn't require a knowledge of the more complicated aspects of the science; this study being at a basic, fundamental level. Therefore even I, a physicist, can make a go of it."

Which?

Dr. Glaser's main goal in this research is actually deciding whether he prefers physics, or biology. "It's a question I can't answer at the moment; I'll just have to wait and see."

Dr. Glaser, as the reader has probably noticed, is an amazingly well-rounded individual. In addition to his scientific achievements, he is also a musician of sorts. While a student at Case, he played viola in the Cleveland Philharmonic Orchestra; he also plays violin and piano, not to mention tennis and squash. (In reference to the latter, two, one can see that he maintains his interest in high-energy particles.)

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Subscribe To The Tech

October 1961

Swimming Squad Has Good Depth

By Howard Ellis '65

When Tech's swimming team opens its season December 2 with a home meet with Swarthmore, Battersman will be sending to the water a host of outstanding swimmers and divers -- including a number of record holders. In the past two years the Techmen have shattered all but one of the existing school records, and this year's squad is out to topple more.

In addition to top individual performances, this team has a great amount of depth and experience. A good part of the squad returns from the 60-61 campaign, in which Tech posted a 7-3 record and placed fifth out of twenty entries in the New England Interoilegiate Swimming Championships.

Engeler, Stein Lead Lettermen

Leading the returning lettermen are Captain Joel Engeler '62 and Dave Stein '62. Engeler and Stein are distance men who have consistently placed in competition. Stein is the holder of three Tech records -- the 220 yard freestyle (2:14.9), the 500 yard freestyIa (5:59.8), and the 1600 meter freestyle (20:34.8). In addition he was a member of the 400 medley relay team which shaved 6 seconds off the old school record at the New England last March. Engeler was also a member of this relay team and has only been a second or two behind Stein in his record breaking performances.

In the 100 yard butterfly, Battersman has three top men -- Tom Ising '62, Rick Matlin '63, and Mike Todd '64. Ising broke the MIT record last year and has two years ago placed third in this event at the New England Championships. Matlin, who has made tremendous gains, will be counted on heavily in the current campaign. Todd is a strong swimmer, who turned in a number of outstanding performances as a freshman.

Three Good Sprinters

The Tech squad also has three good men. Roger Cooper '63 is holder of the school record in the 50 yard freestyle. He placed first in the New England and was a member of the record-breaking 400 yard relay team. In addition to the New England, Engeler was also a member of that team. Wayne Sloat '67 broke the 50 yard sprint record last year and should prove to be an important asset to the squad.

Ising and Stein both are members of the New England Division of the Amateur Fencers League of America held in December. On the 31st, Ed Richards '62 of Bowdoin, Coach Charlie Batterrman is headed by Coach Hendrik D. Stein in his record breaking performances.

The last individual event is the 100 yard butterfly. Engeler came through the finals undefeated and victor of the day. His only struggle was with Gus Wits of the MIT research staff (DRS) who recently took first place in the Class C foil event. As in their final match in the Sabre Open two weeks ago, both men kept taking the lead from each other. Unfortunately, the score was finally tied, 4-4. Richards, with the same smooth and strong offense that placed him second in the U.S. Nationals, scored the final touch to win the crown and take first place in the tournament.

Gus Witr and former MIT fencing captain Sherman Karp are now in grad school here, tied for second place last May. Karp's victory and two defeats each by Karp took second place, having both shot the same 30's. Wits took third place.

The MIT fencing dominated the field of eleven entries, placing five of their six fencers in the finals. Only one of them took honors in the first five places. Ralph Zimmerman '64 and Paul Lewis '65 placed fourth and fifth respectively.

Rifle defeats UNH, 1417-1400

Saturday morning MIT's rifle team fired a 1417 to defeat the undaunted University of New Hampshire's 1400.

The top five scorers were in the 280's, but the week before only two shooters scored over 280, and then not by much. Al Keeler '63, Bob Smith '62, Al Glem '62, 282; Jerry Stinner '63, 280, and Bruce Peterson '63, 283.

Ordinarily a team will have ten men fire, and then count only the highest five scores for the team score. New Hampshire was at a disadvantage because they admitted only six men. With their team they could make the trip to the match held at MITS range. They had three 280's, but lacked the depth needed to top the Tech score.

MIT Fencers Clean Up In A.F.L.A Championship

The New England Division of the Amateur Fencers League of America held its championship on Sunday, November 11, in the du Pont fencing room. First place went to Ed Richards of the Curry School of Dancing in Boston.

With a bye in the qualifying round, Richards came through the finals undefeated and victor of the day. His only struggle was with Gus Wits of the MIT research staff (DRS) who recently took first place in the Class C foil event. As in their final match in the Sabre Open two weeks ago, both men kept taking the lead from each other. Un fortunately, the score was finally tied, 4-4. Richards, with the same smooth and strong offense that placed him second in the U.S. Nationals, scored the final touch to win the crown and take first place in the tournament.

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Bob Mehrabian '64 is the top soccer scorer in New England. He retained the head over Harvard's Chris Ohlman, who has ten goals against New England teams. Mehrabian scored thirteen goals in eight league games and led the team to a 6-1-3 New England record. The impersonal soccer majors in mathematics and worked twenty-five hours a week as a desk clerk.

"I don't have a scholarship, and have to work in order to stay in school," he says. "It really keeps me busy during the soccer season."

During the fall season he puts in a full work week at athletics and his job, yet manages to get good grades in his studies. The long hours of study and work appear to have little effect on his soccer play, and the coaches have been amazed at his on-field spirit.

"He's a real tiger," says soccer coach Charlie Belzner. "He combines the aggressive play of American soccer with the skill of the foreign players,"

Bob played to his natine in the native land, where he was also a nationally recognized soccer player while still in high school. "I lost the championship in my weight class and lost by one point," Mehrabian says, "but that's as far as I go."