

Baird to speak

By Paul Johnston

The Boston Intercollegiate Council will sponsor a panel discussion Sunday, May 14, on the topic of Birth Control Legislation. The panel will feature controversial birth control expert William R. Baird, assuming that he is not in jail at the time, and will be held at 8:30 pm in the Sala de Puerto Rico, at the MIT Student Center. The discussion will follow a meeting of the Council.

Expert panel

The rest of the panel will be made up of experts on the medical, religious, moral, and legal aspects of birth control. Dr. John Grover, a noted gynecologist on the staff of the Massachusetts General Hospital, will represent

the medical point of view in the panel. State Senator William Bulger, of South Boston will represent the law, and a priest from the Paulist Fathers of Boston will speak for the church.

The discussion will be presented free of cost to the Boston college community.

Baird, whose appearance at MIT hinges largely on the outcome of yesterday's trial, has been a frequent speaker at other campuses in the Boston area in recent weeks

Arrested at BU

Director and founder of the Parent's Aid Society, a non-profit birth control clinic, Baird allegedly violated the Massachusetts

birth control law by distributing birth control devices to Boston University coeds, and publicly announcing the name of a foreign abortionist. These actions led to his arrest at Boston University.

Since his arrest, Baird, free on bail, has spoken at several other colleges in the area. At Boston College, the board of the newspaper, "The Heights," faces disciplinary action for inviting him to speak.

Baird is basically making a test case out of the birth control law as it now stands. He calls the law "antiquated," since it dates from 1873. The laws, formally called "Crimes against Chastity," (Chapter 272, Sec. 20-21A), state:

The law

"Anyone who prints, publishes, or distributes any pamphlet, printed paper, book, newspaper, notice or reference, or hints or refers to any person, real or fictitious, from whom any drug, medicine, or noxious thing, or any instrument, advice, direction, information, or knowledge, may be obtained or is represented as intended to prevent pregnancy, shall be punished by imprisonment in the state prison."

According to Baird, this means that "a mother can not tell her daughter about the use of contraceptives. A priest who would explain the rhythm method to his parishioners could be sent to prison." Baird's aim is to "give out birth control information free to all who want it."

LSC to sponsor Salisbury for his 'Report from Hanoi'

Harrison Salisbury, Pulitzer Prize-winning reporter, author, and expert on Russian-Chinese relations, will speak in Kresge Auditorium Wednesday, May 17 at 8 pm. Salisbury will present a "Report from Hanoi" under the auspices of the Lecture Series Committee.

Pulitzer Prize

Now one of the Assistant Managing Editors of the New York Times, Salisbury won his coveted Pulitzer Prize for excellence in foreign reporting in 1954, with a series of articles called "Russia Re-Viewed." The series was based on five years as Moscow correspondent for the New York Times and extensive travel in Soviet Central Asia. As a result of the articles, Soviet authorities barred him from their country for five years. The series was expanded into a book in 1955.

Born in Minneapolis in 1908, Salisbury attended the University of Minnesota, and edited the college newspaper there. Upon graduation in 1930, he went to work for the Chicago Bureau of the United Press to cover the tail-end of the Prohibition gang wars and the trial of Al Capone. In 1940, he was transferred to the foreign desk in Washington, DC, and in 1943 he became the London bureau manager and directed coverage of the war in Europe.

Worked for UP

Salisbury's first assignment in Russia was as head of UP's Moscow staff in 1944, and he returned to this country as foreign news editor at the war's end. Salisbury joined the New York Times staff in 1949, and soon was back in Russia as a correspondent, a post he held for five years.

Salisbury's "Report from Han-

oi," will elaborate upon his recent trip to North Vietnam, and also on his many visits to the Soviet Union. Salisbury's stories on his visit to North Vietnam were recently selected by a panel of newspapermen for the Pulitzer Prize in journalism. However, the Pulitzer Advisory Committee overruled the choice and selected instead John Hughes, of the Christian Science Monitor for his reporting from Indonesia. The vote not to give Mr. Salisbury the award was reportedly very close.

Faculty spotlight

Rosenblith studies nerves



Dr. Walter A. Rosenblith

By David Kaye

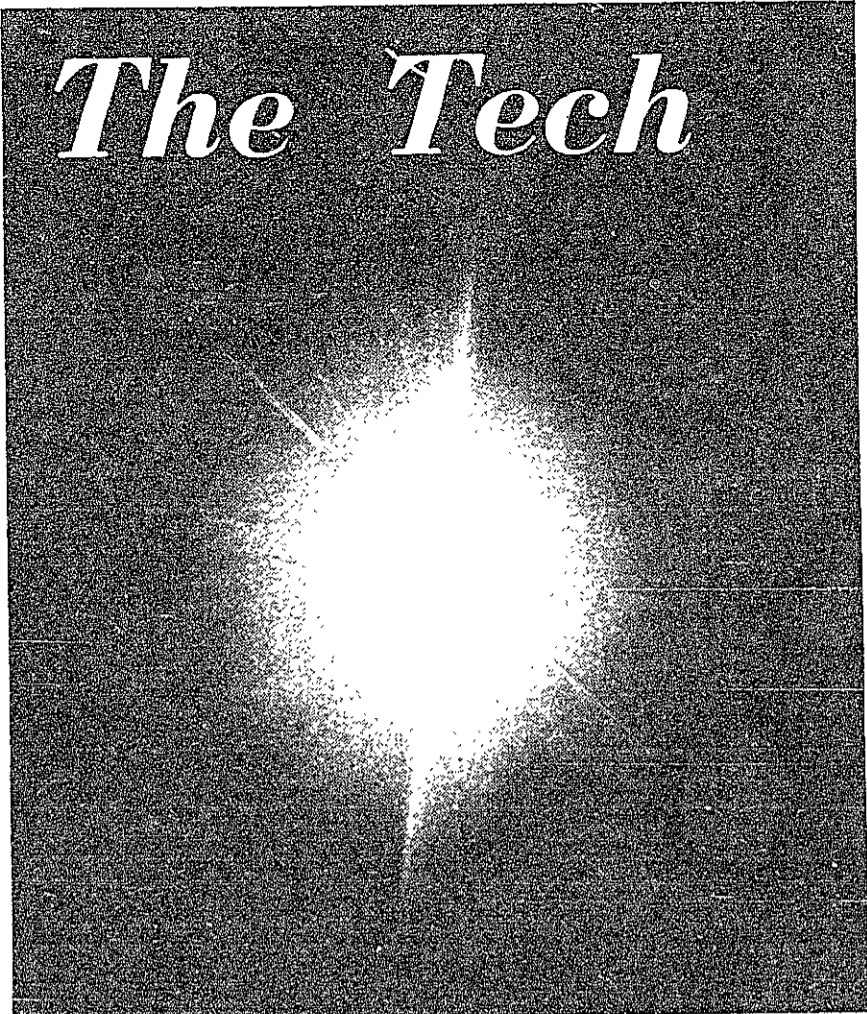
Van de Graff generators and electric eels, factory noise and sensory networks, Norbert Weiner and creamed turkey, and information processing these are but a few of the diverse items which have been of particular influence in the life of Walter A. Rosenblith, professor of communication

biophysics and chairman-elect of the faculty.

Dr. Rosenblith enumerates his fields of interest as the quantification of neuroelectric activity and brain function; sensory communication; hearing; science, technology and society with emphasis upon engineering and living systems. As to the genesis of such multifarious interests, he was "sucked into the brain through the ear."

Noise in industry

A native of Austria, Dr. Rosenblith studied in Vienna, Berlin, Lausanne, Paris, and Bordeaux to



Vol. 87, No. 24 Cambridge, Mass., Tuesday, May 9, 1967 5c

Sloan School to continue USP; Students gain course freedom

By Carson Agnew

The Undergraduate Systems Program, the future of which has been in doubt the past few months, will be continued another year by the Sloan School of Management.

As now planned, 10 or 12 sophomores will be selected for the program, which offers 27 hours of

Course XV credit per term, with all course work being taken pass-fail.

Directed by Forrester

The program, primarily under the direction of Professor Jay Forrester, has been experimental in structure and organization for several years and has been continued on a year-to-year basis. This year, according to Prof. Forrester, approval was delayed because of a re-evaluation of resources and the need for an expanded staff.

Professor Forrester noted that there remains opposition to the program within the department, although there are many throughout the Institute favoring it. He feels that the program benefits more than the students involved by stimulating thought about undergraduate education in other departments.

Policy change sought

Prof. Forrester hopes that the year-at-a-time policy on the program will soon change, saying, "It's time to make a long-range plan for the program."

Application forms and interview schedules, now available in E52-560, are due Monday.

Fifteen arrested

Riot breaks at Bond preview

By Dean Roller

"This is a result of a ridiculous publicity stunt" was Municipal Court Judge Elijah Adlow's terse comment on the early Saturday morning riots which broke out in front of Washington Street's Savoy theater and soon spread to the Boston Common and the surrounding area. The melee which started

shortly after 1:30 am and continued past 4:30 resulted in injuries for at least 30 people and the arrest of 15 by 7 am Saturday. All those taken into custody were charged with unlawful assembly or drunkenness, and charges were dismissed soon thereafter. Upon being questioned on the release of those arrested, Judge Adlow

was quoted as saying, "There is no crime in being a fool. You don't send idiots to jail."

Unexpected Turnout

Crowds started gathering in front of the theater as early as 12:30 to see the free showing of the new James Bond spoof "Casino Royale." This admission-free performance, sponsored by radio station WRKO, guaranteed entrance as well as free doughnuts, coffee, and soft drinks to all those who appeared in James Bond trenchcoats or raincoats. The turnout, however, for the well-publicized event was far in excess of all expectations as over 15,000 people, mainly college students, thronged about the theater before the evening was over. Soon after 1 am the crowd already exceeded the less than 3,000 seating capacity of the movie house. With this in mind, theater manager John P. Sullivan decided to start the movie at 1:30, 2½ hours ahead of the advertised 4 am showing time.

Soon after the crowd outside learned of the theater's decision (Please turn to Page 3)



Photo by Alan Goldberg

Police restrain the crowd which turned out for a preview of "Casino Royale" at the Sack Savoy Saturday morning. Estimates placed the mob's number around 10,000 — not allowing for the constant flux of people coming and going.

Students to receive honors at Awards Convocation

Outstanding student achievements at MIT will receive recognition at the annual Awards Convocation, Thursday at 11 am in the Great Court. President Howard Johnson will speak informally and UAP Bob Horvitz '68, will preside. Classes will be suspended for the hour of the convocation.

Compton awards

Highlight of the Convocation will be the awarding of the coveted Karl Taylor Compton Prizes. Mrs. Compton, widow of MIT's ninth president, will present the prizes, which honor individual students and student activities for contributions to undergraduate life and to the MIT community.

Other student honors include the William L. Stewart, Jr. Awards to individual students and student groups for outstanding contributions to extracurricular life at MIT, and the Scott Paper Foundation Leadership Award, presented to a junior in the form of a tuition scholarship. The Baton Society, honorary music organization, will present awards for contributions of excellence to music at MIT.

Fassett prize

The Frederick G. Fassett, Jr. Award will be given to a member of the IFC for spirit, dedication, and service. Tau Beta Pi, national engineering honorary society, will present the outstanding Freshman Award for all-around achievement.

Military Day convocation

ROTC to present awards

The annual Military Day exercises will be held this afternoon at 4 pm in the Armory. Fifty awards will be presented to members of the three ROTC units on campus, following a review of the corps.

President Howard Johnson will be the reviewing official, and will present three of the awards: the General Lesley Groves Award to Cadet Jimmie McPherson '67, AROTC; the Admiral Edward Cochran Award to Midshipman Stephen A Metz '67, NROTC; and the General James Dolittle Award to Cadet Herbert R. Schultz '67, AFROTC.

Other major awards, and their recipients, are: the United States Naval Institute Award, to Midshipman Stephen Metz '67; the Army Superior Cadet Awards, to

Cadets Richard A. Simpson '67, Raymond L. Boxman '68, and Michael McMahon '69; the Professor of Naval Science Award, to Midshipman Metz; the Professor of Aerospace Studies Award, to Cadet Roy Quick '70.

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Hillel's Kumsitz to be held Sunday

The MIT Hillel Society and the Student Zionist Organization will hold a Kumsitz in celebration of Israeli Independence Day. To be held in the Lobdell Room of the Student Center next Sunday, it will feature Israeli folk dancing and singing. It begins at 8:30 pm and admission is 25c.

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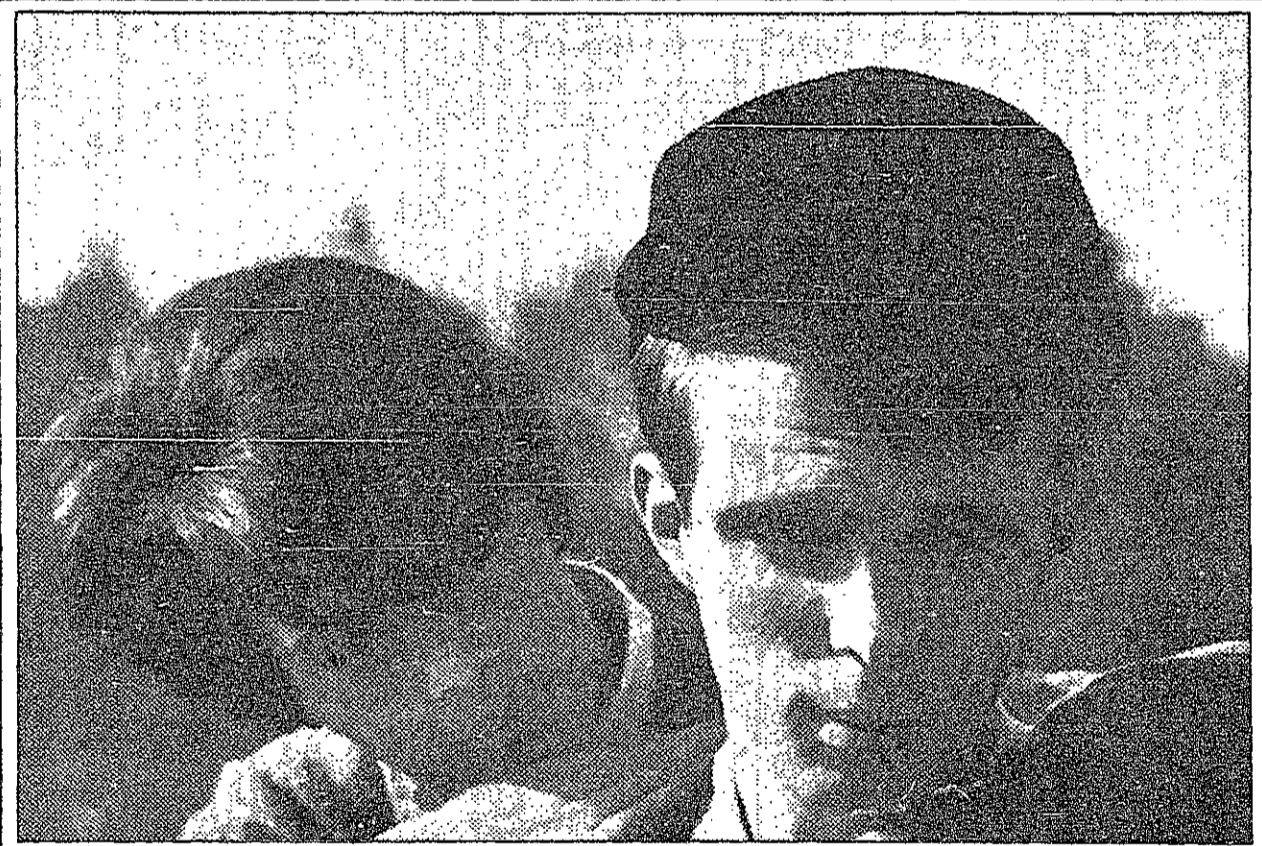
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The Smithsonian Astrophysical Observatory likes to staff its world-wide network of research stations with men of unusual intelligence and ability. The trouble is, of course, that most such men are either still in school or already spoken for by one or another of the professions. The men we send to Spain, Peru, Ethiopia and elsewhere must have career plans which are still negotiable, or be willing at least to acquire some uncommon experience for a year or two while putting away funds for graduate school. For those who stay, there are broad opportunities for advancement as well.

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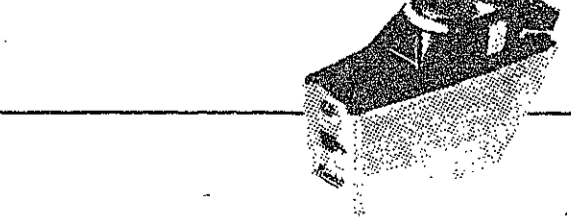
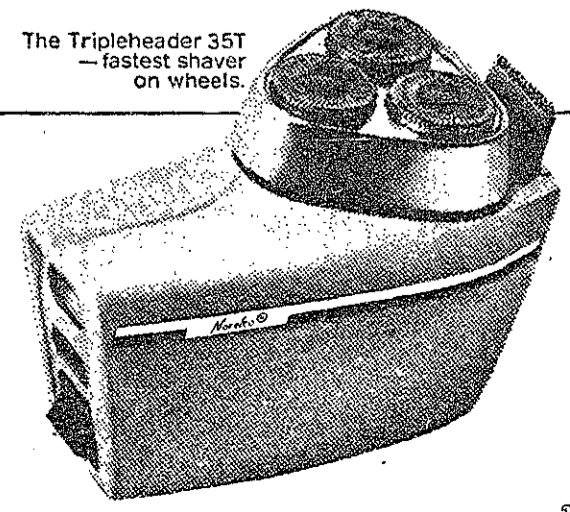


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Police unable to disperse uncontrollable theater mob

(Continued from Page 1) to show the movie early, chants and minor fights began. By 3 am widespread rioting had begun. Demonstrators jumped on top of cars, damaging several, to lead the growing mob in screams and catcalls deriding the police and the theater. Would-be moviegoers, unaware of the situation, continued to arrive through 4:00, thus compounding the severity of the situation. While most of the crowd of 15,000 milled about, several members of the throng incited rioting by throwing beer bottles,

smashing windows, and behaving in a disorderly fashion. Several incidents of looting were also reported.

By 2:30 it appeared the riot was beginning to reach major proportions. Calls for additional police were deemed necessary. Squads of Boston, MDC Police, and the Tactical Police Force, some with police dogs, attempted to disperse the crowd, as thousands were led toward the Boston Common. The more than 125 policemen were still unable to control the mobs until people started leaving shortly past 4.

Theater rioting

Meanwhile, rioting was not confined to outside the theater, as several disturbances erupted inside. Two minor fires on seat cushions and ruptured fire hoses which sprayed many of the audience caused riotous conditions inside the movie house. At 4 am, the people inside were unable to leave due to the crush of the outside mob. Order was finally restored between 4:30 and 5 am.

Fed by typewriter

New RLE system can 'read'

Members of the Research Laboratory of Electronics have developed an audio-cybernetic system which speaks sentences fed in by typewriter aloud.

Part of larger unit

The system is part of a larger unit designed to peer over the shoulders of the blind and read aloud as users turn the pages of printed material. The camera and speaker units would operate through time-sharing computers over telephone lines.

The report on the project was presented as part of the annual RLE research review held last week for the Joint Services Technical Advisory Committee. It was developed by Professors Samuel Mason, Francis Lee, Donald Troxel, Murry Eden and Dr. Kenneth Ingram, a blind RLE staff member.

Four parts

The reading machine in toto, consists of four parts of which the camera unit, which recognizes printed letters, was perfected a year ago. The other three parts, called the translator, interpolator,

and synthesizer, make up the subject of the report.

The translator takes the alphabetic characters read in to it and translates them into a phonemic form. The interpolator then transmits suitable control signals to the synthesizer, which delivers the speech output on a loud speaker. To save computer time, input to the translator is simulated using a typewriter, rather

than the character recognition part of the system.

Technical problems

The system still has many technical problems. At present, the quality of the speech is determined by the intensity, frequency, and timing of signals from interpolator to synthesizer. The system must be tuned by trial-and-error, workers listen to the output, then modify the values used.

Wagner takes chess title; Computer finishes winless

USCF-rated master Carl Wagner won the MIT Chess Club Championship, held Saturday and Sunday, with a perfect 4-0 score. He was followed closely by Larry Schmitt '70, who scored 3-1, and Peter Meschter '69 and Mike Sheffer '68 with 2-2. Mark Pawlak '70 with a 1-3 score and the computer program MacHack VI, with a 0-4 score, rounded out the Championship Division.

In the Unrated tournament held at the same time as the

Championship, first place was split between Andrew Adams '70 and Steve Girshick '70 with 3-1 scores. Steve Bates '70 and Maughn Matsuoka '70 followed with 2½-1½, and Preston Bush '70 trailed with 1-3.

The decisive game in the Championship Division came in the third round, when Wagner played Schmitt. The game was very difficult all the way; Schmitt defended himself very well, but the combination of Wagner's skill and time trouble finally brought about his downfall. In the Unrated division, Girshick surprised Adams in the last round to share the first prize with him. Directors of the tournament were Schmitt, Meschter, and Bates.

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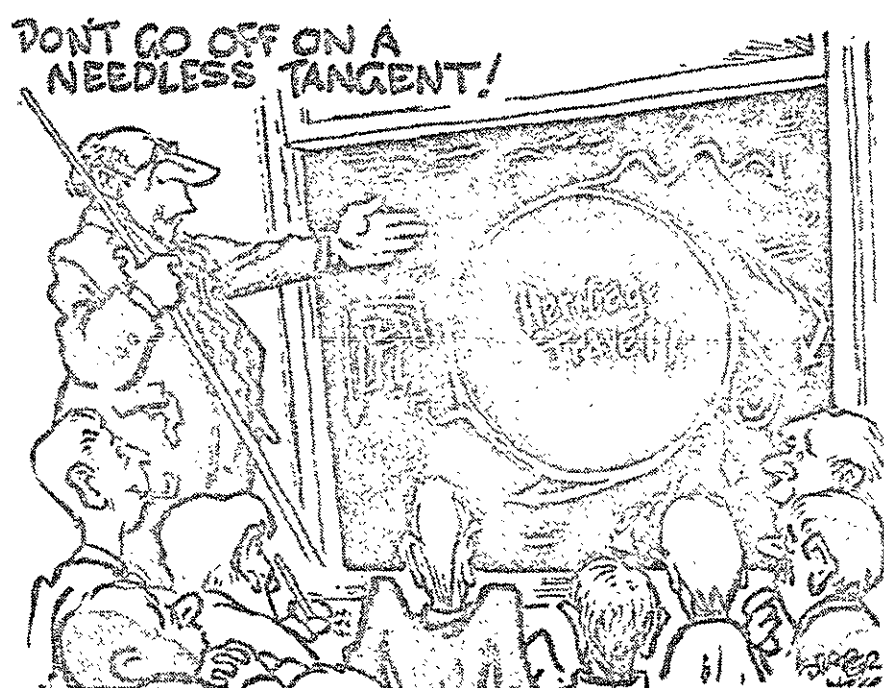
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The unnecessary burden

In less than two weeks classes will be over. The luckier students will be able to take off for home or a vacation. The great majority of us, however, will sit down and begin to study for our final exams.

This year, reading period has been extended from the usual four days to a full week. This was changed so that the time before finals could be a more educational experience, instead of a time for cramming. However, the change missed the major ill of reading and finals periods—multiple finals on a single day.

The SCEP questionnaire of April, 1966, recorded student opinion on changes for reading and finals period. This study showed that the higher the class and the more experience at MIT, the more students did not want a change to a longer reading period. It went on to state: "Everyone agreed that two finals in one day was terrible . . ."

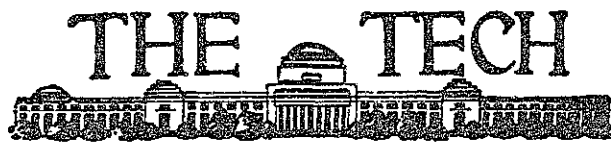
We cannot yet judge whether or not the changes to this term's reading period will effect its stated aims. However, we feel that its aims are of secondary importance. Granted that we have final examinations, and granted that they carry great weight in the grading system, the objective in setting up reading and finals period should be to insure that the student is not saddled with unnecessary burdens while having to prove his worth on the exams.

Having to take two finals on a given day puts the student at a serious disadvantage with respect to others. As almost all tests at the Institute are marked on a curve, this could be disastrous. Preparation the night before is necessary for an exam, no matter how well the student kept up with the course material during the year. The added weight of a final exam makes this preparation even more important.

Yet having two final exams on a given day precludes adequate preparation the night before for either exam, and puts undue nervous pressure on the student. The student's performance on the second examination is subject to another handicap. After taking an intensive three hour examination, he is certain not to be fresh, and instead, will probably be "pooped out." But within an hour, he must be prepared to go through another final.

The UAP has stated that serious considerations are now being given to a reorganization of reading and finals periods. We urge that any proposed changes be oriented to eliminate the unnecessary

burden of more than one final per day. This is the most pressing problem, and only after it is solved, should further refinements of the system be evaluated.



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Front page photo of laser by Jeff Reynolds

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Kibitzer

By Philip Selwyn

North
 ♠ Q 2
 ♥ A 7 6
 ♦ A 3 2
 ♣ K Q 10 6 5

West
 ♠ A K 10 8 4
 ♥ 10 3
 ♦ J 10 4
 ♣ 7 4 3

East
 ♠ 9 7 6 3
 ♥ Q 8 5 2
 ♦ K 9 7
 ♣ J 9

South
 ♠ J 5
 ♥ K J 9 4
 ♦ Q 8 6 5
 ♣ A 8 2

Neither Vul.

North	East	South	West
1 ♣	Pass	1 ♥	1 ♠
2 ♣	2 ♠	3 ♣	Pass
3 ♥	Pass	4 ♥	All Pass

In today's hand, North-South managed to avoid an unmakeable No Trump game by playing in 4 Hearts, with only a 4-3 trump fit. That contract was by no means a certainty, but at least the opponents could not set it off the top.

The bidding was uncomplicated, but showed good judgment on the part of North and South. The first bid which requires comment was North's rebid of 2 Clubs. Had West not overcalled 1 Spade, North would have properly rebid 1 NT. But in the face of West's overcall, North's weak spades ruled out the call. The 2 Club rebid conveyed considerable information to South. It showed a better than minimum hand with a rebiddable suit and suggested weak spades because he failed to rebid in no trump. Since South's spades were also too weak for no trump, he could make no other bid than the "free" raise to 3 Clubs. North now showed his 3 card heart support and South continued on to game in hearts, even though he knew he would have only a 7 card trump suit.

Once North had shown better than a minimum opening bid, it was difficult for the partnership to stop below game. Since the bid-

ding indicated that North was most unlikely to have a spade suit as good as QXX, South knew that 3 NT would probably be futile. He therefore bid the game in hearts and hoped that the 4-3 fit would be playable.

The play was straightforward, but demonstrated good declarer's technique. West started with the K and Ace of spades and then shifted to a club. Dummy's Q won the trick and the J of hearts was finessed, immediately. When it held, South led a second heart to the Ace, West playing the 10. Now declarer drew East's last two trumps, taking the marked finesse against East's Q in the process. All that remained was for him to cash his minor suit winners for his ten tricks.

There were several points of interest in the play. South won the club lead with the Q, rather than the Ace, for two reasons: (1) he wanted to be in dummy to lead a trump and, (2) if West had led from JXXX of clubs, playing the Ace of clubs on the second round of the suit would then reveal that situation and the 10 could then be finessed conveniently to bring home the suit without loss.

The second point was the correct play of the trump suit. Since the hand could not be made if trumps broke 5-1, there was no need to first cash the Ace. By immediately finessing the J, declarer was able to conserve dummy's diamond entry for possible use later. One might think that finessing the 9 of hearts first is a still better play. This play gains when East has Q10XX, but since it loses when West has 10X or 10XX, finessing the J is the better play.

South would have had more of a problem in 4 hearts if West had continued with another spade at trick three. Declarer would have had to trump in dummy and discard a diamond from his hand. After three rounds of trumps, finessing the J on the second round, he would run his clubs until East trumped in. Using the diamond Ace as an entry to dummy, he has the remaining tricks.

Letters to The Tech

Sit-in, lock-out

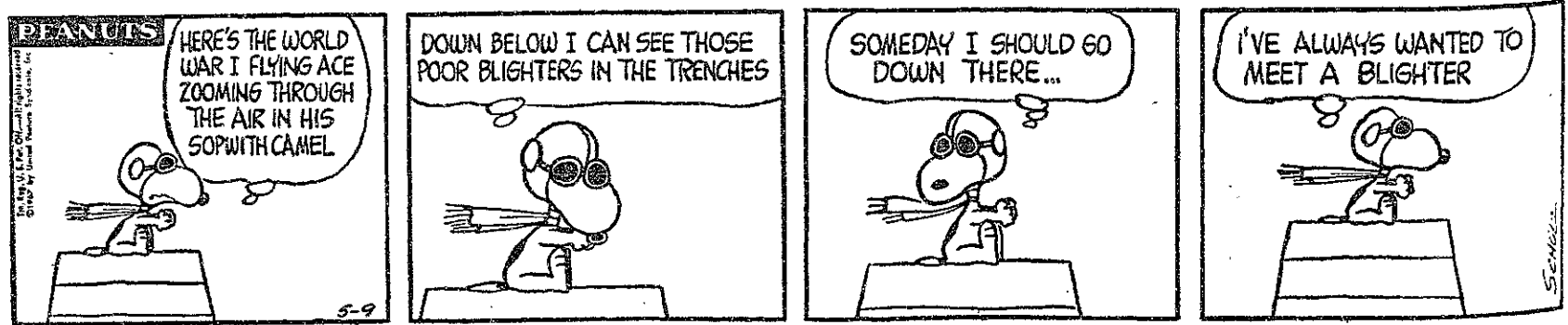
To the Editor:
 Why should I, an MIT student, have to give up my seat in the Student Center Library to a BU girl? Why should MIT open its excellent facilities to the other schools in the Boston Area which do not provide anything even approaching these ideal conditions for their students? Why should I have to suffer because one of my fellow MIT students was stupid enough to bypass the regulations by taking a strange girl, whose name he doesn't even know, into the library as a "study-date"?
 As reading period draws near, the Student Center Library becomes more and more congested. More and more people find that the atmosphere and facilities of the library are extremely well suited to their requirements. The disturbing thing is that not only those from MIT, but all the students within a five mile radius, have discovered this, and they all make every effort to gain entrance. However, as we all know, the space in the library is in great demand, and it seems only fair that what space there is should be primarily given to those people that pay \$1900 per year for the use of such facilities.
 The checking of ID's has done a great deal to alleviate this problem, but, as usual, there is al-

ways a loophole. Those non-MIT girls meet a single innocent MIT male on the 1st floor, or on the elevator or even on the 5th floor, and beseech him with tears in their eyes to take them in as study dates. Being soft hearted and not fully aware of what he is doing, the MIT student agrees, and they generally part on good terms just beyond the inspection desk.
 These people then proceed to take over. They occupy our carrels and easy-chairs, and they provide never-ending distractions, not only in themselves (some are really worth looking at!), but in the parties and "discussion" groups that they form.
 The MIT male must therefore become more responsible in this field: he owes it to himself and fellow struggling students. Wake up to the fact! Face reality, Real-

ize that at this time of year MIT means work and a place to work!
 Michael Dendy Young '70
 (Ed. note: The female of the species has been tempting the male ever since that first apple in Eden. We can't really blame the MIT student who falls victim to feminine wiles. Besides, if she's that distracting there is no reason to part just beyond the inspection desk.)
Leary's philosophy
 To the Editor:
 It is a sad commentary on the MIT community and society in general that most of the audience in Kresge Auditorium and of the listeners to the broadcast on WTBS not only did not understand Dr. Leary but refused to understand him. They refused to accept that Leary has a sincere philosophy, a philosophy which

one may disagree with but which one should at least try to understand before being critical. Instead, the people who came to Kresge came to see Leary made fun of.
 Engineers and scientists are a magnified reflection of a society, because they are the tools of society. As evidenced by the MIT community's reaction to Leary, they are the unthinking tools. They refused to admit that someone might want something out of life different from what society thinks everyone should want. They refused to comprehend that Leary thinks that those who espouse the value judgments of our society are more dangerous than those who advocate change.
 Leary admitted that LSD is like Russian Roulette. To him, the risks are worth the possible benefits, just as to cigarette smokers

the risk of dying of lung cancer is worth the pleasure of smoking. But smoking is accepted by our society, whereas the LSD philosophy is not, because it holds that "what it's all about" is not to be found in our society. We can, and we probably will, disagree. But we should have enough of an open mind to listen, and not be so quick to condemn those who see faults in us. Otherwise intellectual activity is stifled, and society becomes all-conformist and unquestioning. Leary isn't forcing LSD down anyone's throat. I urge the members of the MIT community who witnessed what happened at Kresge to think—to allow that Timothy Leary has at least the right to his philosophy, and, especially at an institution of learning, the right to be heard by open minds.
 Steven L. Girshick '70





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Studies brain, electric fish

Biophysics intrigues Rosenblith

(Continued from Page 1)
 related research program on elec-
 tric fish."

Norbert Weiner
 While a research fellow at the
 Psycho-Acoustical Laboratory,
 which he joined in 1947, he met
 Norbert Weiner at a colloquium on
 information and entropy. Dr.
 Rosenblith regards his acquaint-
 ance with Weiner as "the
 most important accident in my
 scientific career." Largely as a
 result of the associations he
 formed at Weiner's supper sem-

inars, he joined the MIT faculty
 in 1951 as an associate professor
 in the Department of Electrical
 Engineering and a staff member
 of the Research Laboratory of
 Electronics.

Interdisciplinary science
 Characterizing himself as "a
 biophysicist who came to supper,"
 Dr. Rosenblith stayed "to develop
 a style of experimentation which
 would permit us to study the brain
 as a physical machine with a bio-
 logical function." His acquaint-
 ance with the Research Labora-
 tory of Electronics has led him
 to suggest that one of the great
 functions of such an interdiscipli-
 nary group revolves around its "in-
 novative spicity," and "a pecu-
 liar capability. . . to give rise to
 reborn disciplines — linguistics of

a new kind, psychology of a new
 kind, (etc.)."

Social problems
 Furthermore, his interdiscipli-
 nary investigations have led him
 beyond the confines of physics, en-
 gineering, psychophysics, and
 neurophysiology. For example, he
 reflects that his studies of noise
 in industry "alerted me to a good
 number of social problems which
 come from the incautious appli-
 cation of technology."

In addition to teaching many of
 the standard electrical engineer-
 ing courses, Professor Rosenblith
 has developed some of his own
 in the area of bioelectronics.

Chairman of CEP
 Recently elected chairman of the
 Faculty Committee on Edu-
 cational Policy, Professor Rosen-
 blith as "no miracle drugs" with
 which to cure MIT's educational
 problems. "For the time being
 I'm listening and trying to be-
 come aware of what the problems
 are." Despite his caution, though,
 certain of his views on education
 and MIT are very well defined.
 Emphasizing that "all the com-
 ponents (of the educational sys-
 tem) are changing," Professor
 Rosenblith believes that educa-
 tional institutions have "a unique
 responsibility to reflect such
 changes" and require a "dynam-
 ically oriented security." That is,
 the most important thing to do is
 to find and institutionalize ways
 of instilling the taste and ability
 for learning, as a lifetime pro-
 cess. This is not to suggest that
 change, per se, is desirable for,
 although "there is a lot a gim-
 mickry in today's education,"
 "just to look different every day
 does not mean we are responding
 to the needs."

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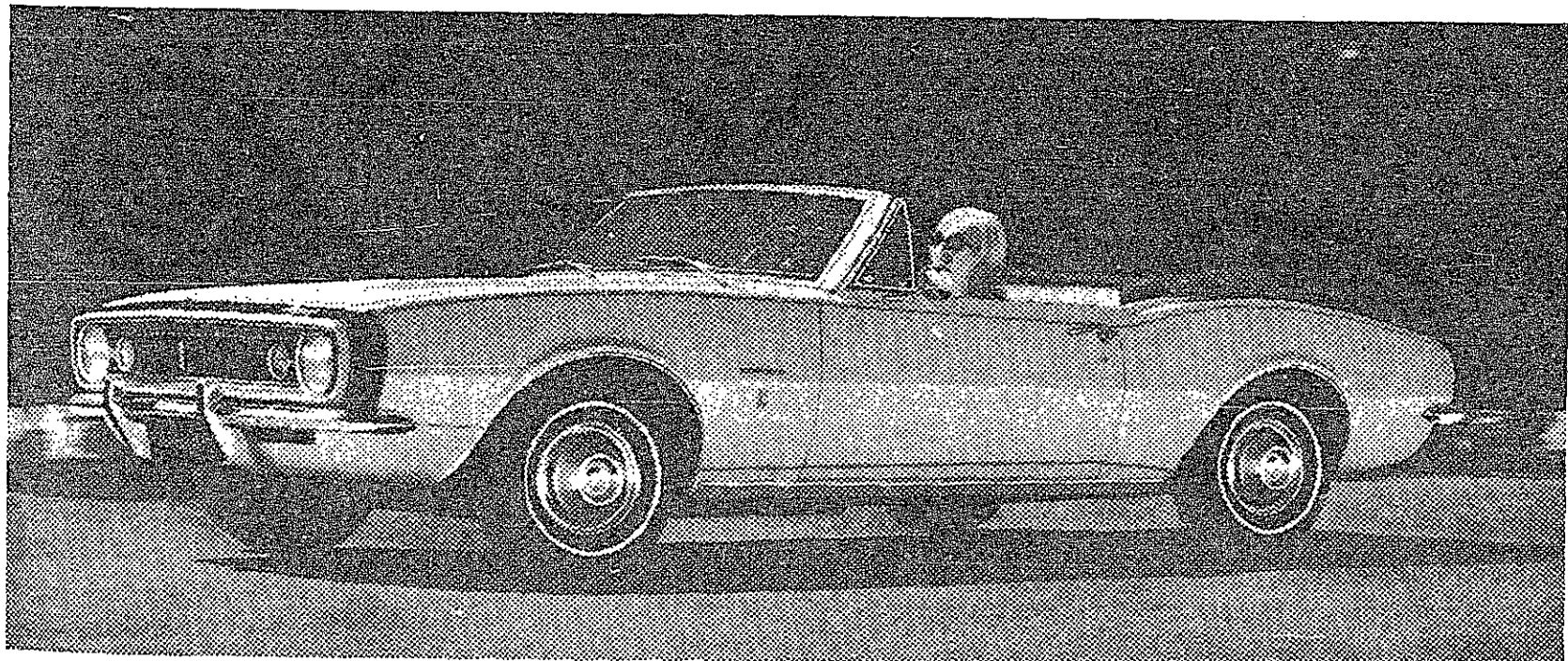
- Who was the head Mouseketeer?
- Who was Oil-can Harry's nemesis?
- What is the name of Sky King's plane?
- Who recorded Speedoo?
- Name the M.C. on Beat The Clock.
- Name the dog on The People's Choice.
- Name the host on Climax.
- Who was the Great Gildersleeve?
- Who was Sgt. Friday's original partner?
- What is the name of Roy Roger's dog?

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UMass trounces Tech stickmen

By Herb Finger

The MIT varsity lacrosse team found the going tough last Friday as they dropped their fifth game of the season to UMass 14-4. Playing very erratic ball, the stickmen held the Redmen scoreless until 8:41 of the first period. One minute later Greg Wheeler '67 put in the equalizer. Throughout the entire first quarter Tech controlled play with teamwork.

Four minutes into the second period UMass dropped in their second goal, followed by a third at the 7:04 mark. Walt Maling '69 reduced the spread to one goal

as he garbaged in a loose ball in front of the cage. After another exchange of goals, Tech's gotten by Neal Gilman '67, UMass began to pull away.

On the next two face-offs they scored — breaking away four-on-three. The half ended with UMass ahead 6-3.

The second half gave no relief for the lacrosse men. Combinations of free midfielders and good screening gave Gar Taylor '67 little help in the goal. Though Tech did manage to score again,

the drive and momentum of the first half had been stopped.

Tomorrow the team closes out its home season against Wesleyan on Briggs Field at 4:00. Williams will host the Techmen in the seasons finale next Tuesday.

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Matthen, bass, sings; Jackson plays organ

This evening at 8:15 pm, Paul Matthen, bass singer, returns to MIT to sing Schubert's 'Die Winterreise' in the Hayden Library Lounge. Professor Gregory Tucker will accompany him on the piano.

A recital by Francis Jackson, British organist, will bring to a close the current Organ Recital Series. Held in Kresge Auditorium tomorrow at 8:30, the program will include his own 'Tocata, Chorale and Fugue.'

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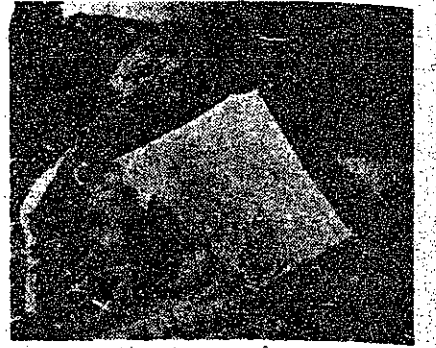
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Thinclads 2nd in triangular

In their last dual meet competition of the season, the MIT track team was edged by Tufts, but defeated BU. The final scores were Tufts 70, MIT 68, BU 45.

Bill McLeod '69 was high scorer for Tech with twelve points. Besides winning the long jump with a leap of 21-2, he placed second in the 220 and the triple jump, and fourth in the 100.

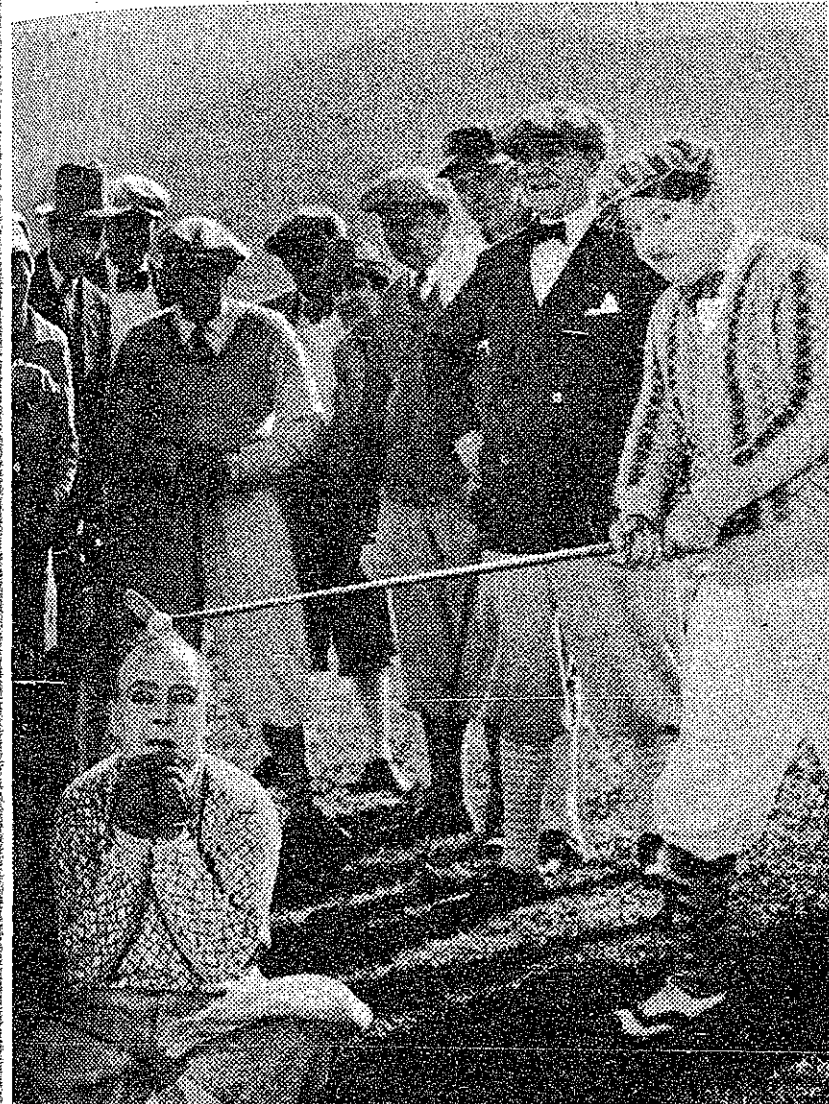
MIT's strength in the weight events was apparent as Gordon DeWitte '67, Dave Osborne '67 and Jim Sicilian '69 placed one, two, and three in the hammer throw. Osborne and DeWitte also collected first and second in the discus. Pete Maybeck '68 and DeWitte were second and third in the shot put.

Joe Levangie '67 finished second in the javelin behind Currier of BU. Steve Sydoriak '68 won the pole vault and was followed by teammate Gary Ganzi '68 in third place. The adverse weather conditions allowed this event to be won at 10-6. To finish Tech's scoring in the field events, J. Campbell '68 took second in the high jump.

Tech showed great strength in the 880 yard run. Bob Karman '67 won with a time of 1:56 and was followed by Tom Najarian '69 and Sam Guilbeau '68 in third and fourth.



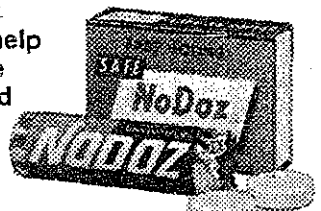
Photo by Lew Golovin
Gordon DeWitte '67 winds up for a toss in the hammer throw Saturday. He took first place in the event against Tufts and BU, but the Jumbos still managed to edge the Beavers.



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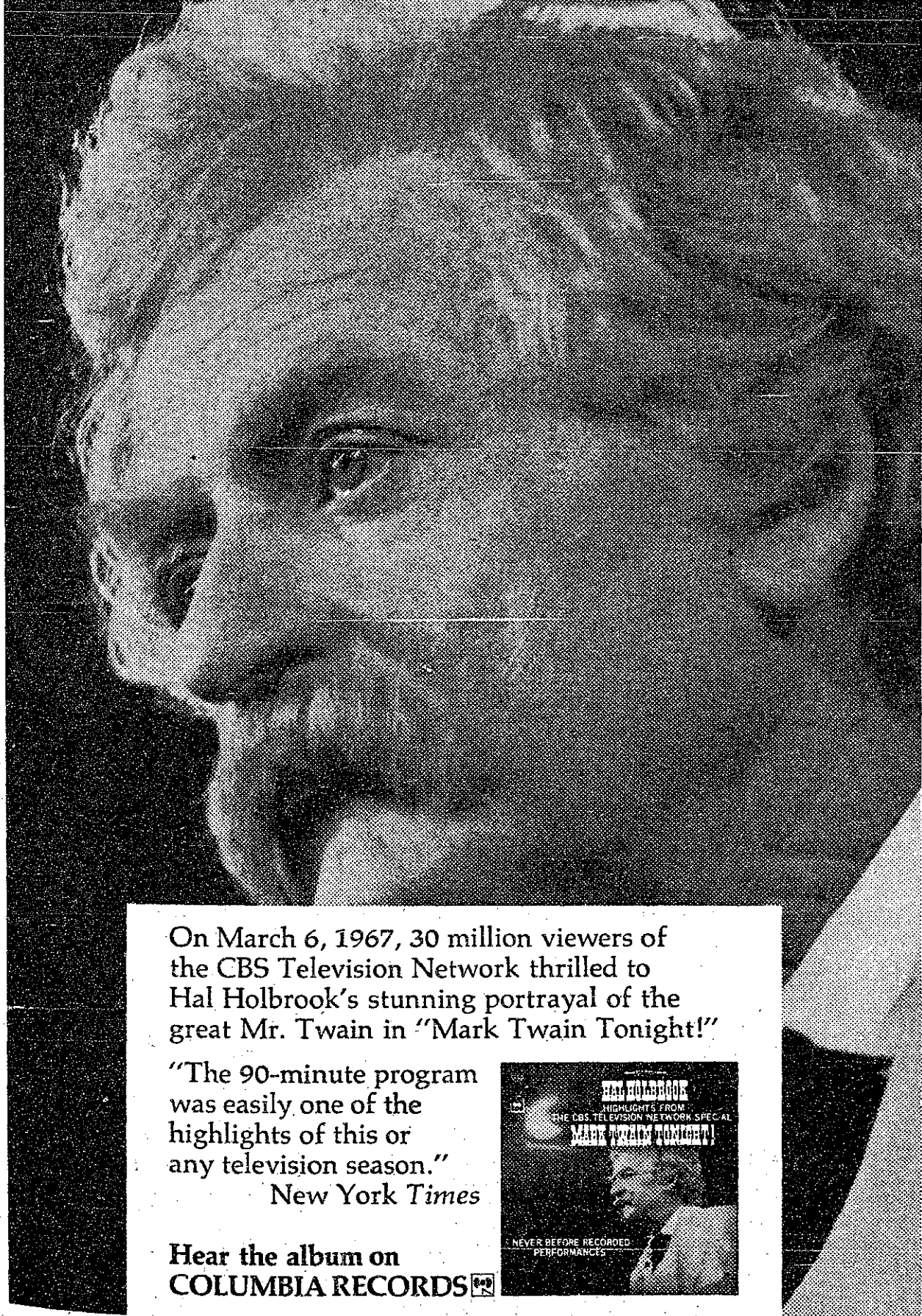
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Golfers down Bowdoin 4-3; Top Stonehill, Wesleyan Kast, McMahan shoot 72

By Steve Weiner

In their tune up for the New Englands, the varsity golfers played their finest rounds of the year Friday. On the strength of 72's by Greg Kast '69 and Mike McMahan '69 and a 73 by Gerry Banner '68, they averaged 76 in downing Bowdoin 4-3 for their third victory of the spring campaign.

Tech sailors gain finals in NE Monotype regatta

By Paul Baker

Three engineer sailors gained a berth in the final round of the New England Single Handed Sailing Championships by qualifying in the semi-finals held Sunday at the College Park Yacht Club. The weather on the course was quite windy, with gusts up to thirty and forty miles an hour, but Chesley Osburn '67, Joe Ferreira '67, and Mike Zuteck '67 found it to their liking as they placed sixth, third and fifth respectively, in their heats. Osborn has placed second in the finals the past two years. Only one entry from MIT will not go on to the finals. David Chanoux '68 did not place high enough in his heat to continue in the competition.

The competition for the championship is organized on an individual basis. It is not competition among colleges. One hundred and twenty five persons from all over New England originally entered the competition, but the field was narrowed by elimination contests held during the last two weeks. The top two sailors in each of these contests then competed last Sunday.

Finals May 20

Osborn, Ferreira, and Zuteck, along with the other qualifiers in the semi-finals, now go on to the finals which are scheduled for Saturday, May 20. The location for the finals has not yet been determined.

Next Saturday and Sunday, the Tech sailing team will compete in the New England Championships held on the Charles River.

frosch sports

Oarsmen top Dartmouth

By Mike Schibly

Both heavyweight crews outrowed their opponents in races Saturday. The first boat finished 6.6 seconds in front of the Dartmouth first eight in a 2000 meter race at Dartmouth. The engineers, rowing with a favoring current and a strong tailwind, took the lead at the start of the race and steadily widened the gap, finishing in 5:42.6. The second heavies were at home on the Charles and defeated Northeastern's second boat by four seats in their 2000 meter race.

The lights rowed against Penn and Navy at Annapolis last weekend, and finished second to the former school. Tech was two seats down on Navy coming off the starting line, but by the end of the first mile Penn was in the lead by a full length and Navy had dropped to third. Tech began to close the distance in the final quarter mile, but a strong gust of wind upset their timing, and Penn crossed the line four seconds in the lead, with Annapolis third by two lengths.

Racketmen win

The tennis team scored a 5-3 victory over Wesleyan on Thursday. Bob McKinley won his match by default to put Tech in the lead, but Joe Baron lost 6-4, 7-9, 3-6. Manny Weiss topped his opponent easily, 6-2, 6-3; Terry

Playing in the first position, Banner added a subpar 34 to his front side 39 for an easy 6-4 victory. He had three birdies and two bogeys on the back nine. Carl Everett '69 shot 40 on the front nine, which left him one down. He charged in with a par 35, but his foe combined three birdies and a bogey for a 33 and a 3-2 victory.

Tom Thomas '69 fired a 77 which earned him a 4 and 3 win. Greg Kast '69 burned up the course with a one over par 72. He had two bogeys in his 4-3 conquering of his Bowdoin foe.

Captain Travis Gamble '67 had trouble in his first round since the spring trip. He shot an 85 and lost 2 up. Ben Roach '68 fired an 80 to drop his match 5-4. Gaining a share of the medalist honors. Mike McMahan '69 also shot a 72, but did so with a 39-33.

If the team plays as well this Thursday and Friday it should fare well in the prestigious 36 hole New Englands at Providence, R. I. The competition there is expected to be very tough though. It will principally come from Harvard and Northeastern which were the top teams in the Greater Boston Championships last week.

Crews trounce Dartmouth, Navy Heavies fall to Wisconsin

By Tony Lima

Rowing into a slight headwind and in choppy water, the Tech oarsmen emerged second in a regatta with Wisconsin and Dartmouth Saturday at Wisconsin. The Badgers were the victors, holding a final margin of nine seconds over the engineers' boat, which finished twice that distance ahead of the Green.

After 500 meters of the 2000 of the course the Beavers held a three-quarter length lead over the Wisconsin boat, with Dartmouth substantially out of the running. The lead held up until the 900 meter mark, when the Badgers made a bid for the lead, which only succeeded in reducing Tech's lead to 1/2 length. However, the

Badgers turned on a power ten with 1000 meters left on and managed to take the lead. From then on, it was all over, as the Tech boat finished the race unofficially in 6:37.

Tech handicapped

Tech started out the race under a slight handicap because they were forced to use the Wisconsin boats and oars due to the distance between the competing schools. However, they had worked out Friday afternoon and Saturday morning with these, so the problems were not insurmountable.

The oarsmen have only three days left to prepare for the Eastern Sprints Saturday at Worcester. There, under slightly more favorable conditions, they hope to avenge Saturday's loss.

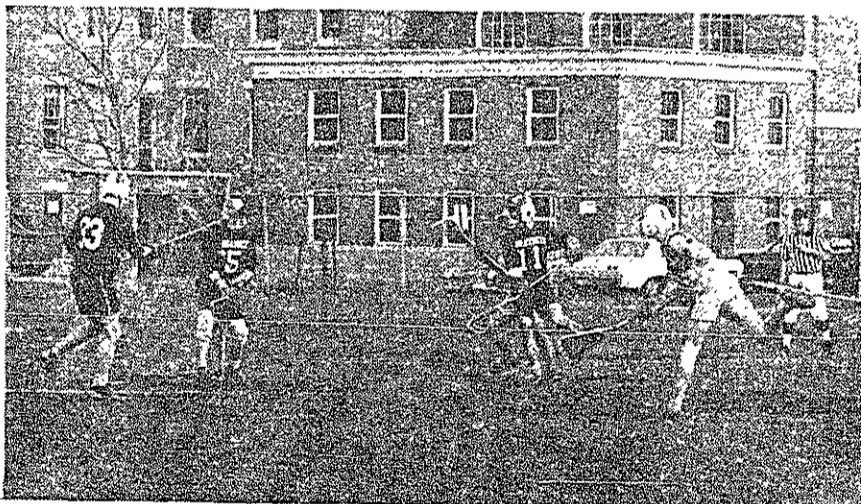


Photo by George Flynn

Bob Vegeler fires the ball at the Brandeis goalie, who managed to make the save. Tech stickmen only scored once against the rugged Brandeis defense, as the Judges handed the engineers a 6-1 defeat to leave the stickmen with a 1-5 record.

Champlain and Erv Asher, however, lost their matches in four straight sets. Skip Perkins was 6-3 and 7-5, and the score was tied at 3-3. In doubles, McKinley and Weiss went 6-1, 4-6, 6-3 and Perkins and Stan Smilack followed suit with scores of 6-4, 3-6, and 6-4 to give Tech the win.

Baseball, Lacrosse beaten

Bruce Wheeler lost his first game of the season last Saturday against Phillips Exeter Academy. The Tech nine held a 4-1 lead through the top of the sixth inning, but a dropped pop-foul and subsequent walk, a muffed play on a ground ball, two singles and

a triple combined to spell trouble for the engineers as Exeter went on to compile a six-run total for the inning. Neither team could tally during the remainder of the game, and Tech finished on the short end of a 7-4 score.

Brandeis dealt MIT stickmen a 6-1 loss on Friday of last week on Tech's home field. George Katsiaticas scored the lone engineer goal on a play which MIT uses with consistent success in a man up situation; except for that, however, the stickers could not get up enough steam either to score or to control Brandeis' attack.

By Jon Steele

The tennis squad boosted its season record to an even 6-6 with victories over Stonehill and Wesleyan last week, but were rained out against Trinity Saturday. At home Thursday the netmen easily overcame Stonehill 7-2, but at Wesleyan Friday they had to fight off four match points and win all five crucial third sets before earning a 5-4 victory.

Wesleyan has traditionally been a close match for MIT, and the team was looking to avenge last year's 6-3 loss. After the first hour of play Steve Deneroff '68 and Tom Stewart '69 had dropped their matches in straight sets, Rich Thurber '67 was down 6-1, 4-2, and Carl Wisegarbler '68 was down 6-3, 5-2. To make things worse the dark clouds which had been lingering overhead all afternoon finally opened up with a steady drizzle to make playing conditions almost impossible.

Thurber fought back, but eventually lost his second set 11-9; Wisegarbler, on the other hand, was down 5-2, 40-0, triple match point. Carl waited out his opponent, drawing errors with his

tricky slice backhand, then regained his confidence and polished off twelve games to Wesleyan's three, winning 3-6, 8-6, 6-2. Meanwhile, John St. Peter '67 and Bob Metcalfe '68 had each split sets, but both were victorious in the third.

The score now stood at 3-3 going into the doubles. Thurber and Metcalfe were quickly humbled by Wesleyan's top team, but St. Peter and Stewart came back after a bad second set to take their match. The final outcome was determined at number two; Deneroff and Wisegarbler had lost a close first set 9-7 and were down 6-5, 30-40. Wisegarbler then came through on his fourth match point of the afternoon with a winning overhead, and Deneroff responded with the best doubles of his career to finish out the match 7-9, 12-10, 6-3.

The tennis will finish its regular season this afternoon at 4:00 pm at home against Brown in what should be another close match. The engineers are hopeful of winning and thus having a better than even season. Then this weekend the top four will travel to Yale for the New Eng-



Photo by Michal Brod

Steve Deneroff '68 blasts a serve against Stonehill's Maloy in Thursday's match. Deneroff won 6-2, 6-4.

land Championships. On the whole this season has been a good one for the team.

Scores

Stonehill
Deneroff d. Maloy 6-2, 6-4
Weldon d. Thurber 6-4, 6-3
Wisegarbler d. Ferreira 6-4, 6-1
St. Peter d. Dillon 6-1, 6-0
Stewart d. Celestino 6-1, 6-1
Metcalfe d. De Costa 6-2, 6-1
Ferreira-Weldon d. Thurber-Metcalfe 6-2, 3-7, 6-3
Deneroff-Wisegarbler d. Dillon-De Costa 6-1, 6-0
Hallock-Smith d. Wall-Donahue 6-2, 6-4
Wesleyan
Beik d. Deneroff 6-4, 6-0
Clark d. Thurber 6-1, 11-9
Wisegarbler d. Oliver 3-6, 8-6, 6-2
St. Peter d. Barrada 6-2, 4-6, 6-0
Garrison d. Stewart 6-2, 7-5, 6-4
Metcalfe d. Carlson 6-2, 2-6, 6-4
Beik-Oliver d. Thurber-Metcalfe 6-1, 6-2
Wisegarbler-Deneroff d. Clark-Barrada 7-9, 12-10, 6-3
St. Peter-Stewart d. Tobias-Garrison 6-4, 4-6, 6-3.

Tech lights lose to Penn; beat Navy by 4 lengths

By Jeff Goodman

Tech lightweight crews finished behind the Penn eights but ahead of the Navy shells in the annual Callow Cup competition at Annapolis, Saturday.

In the varsity race, MIT and Penn started together and remained even for the first fifty strokes. For the remainder of the race, the Penn boat moved on the MIT shell, and Tech moved on Navy. After the start, the engineers settled to a 35 beat stroke. With a half mile remaining they moved up to a 36 and then sprinted with a 41, clocking a 7:24.0 for the Henley course, 2 1/2 lengths behind the victorious Penn crew. Navy finished four lengths behind the Beavers.

The JV boat led Penn for more than half the race. With a tailwind and somewhat rough waters the engineers caught a couple of crabs and lost their race with a nonexistent sprint by two seats. The Midshipmen rowed three lengths behind Tech.

Next Saturday the lights face the top crews in the nation at the EARC Sprint Regatta at Worcester.

On Deck

Tuesday, May 9

Tennis (2F)—Brown, here, 4 pm
Baseball (F)—Harvard, here, 4 pm
Baseball (V)—Harvard, away, 3 pm

Wednesday, May 10

Lacrosse (V)—Wesleyan, here, 4 pm
Lacrosse (F)—Tabor, away, 3 pm

Thursday, May 11

Track (F)—Tufts, BU, home, 5 pm
Golf (V)—New Englands at Portland, Me.

How They Did

Lacrosse

UMass 14, MIT(V) 4
Brandeis 6, MIT(F) 1

Tennis

MIT(V) 7, Stonehill 2
MIT(V) 5, Wesleyan 4
MIT(F) 5, Wesleyan 3

Golf

MIT(V) 4, Bowdoin 3

Lt. Crew

MIT(V) second to Penn
MIT(JV) second to Penn
MIT(F) second to Penn

Hvy. Crew

MIT(V) second to Wisconsin
MIT(F) defeated Dartmouth

Baseball

Phillips Exeter 7, MIT(F) 4

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