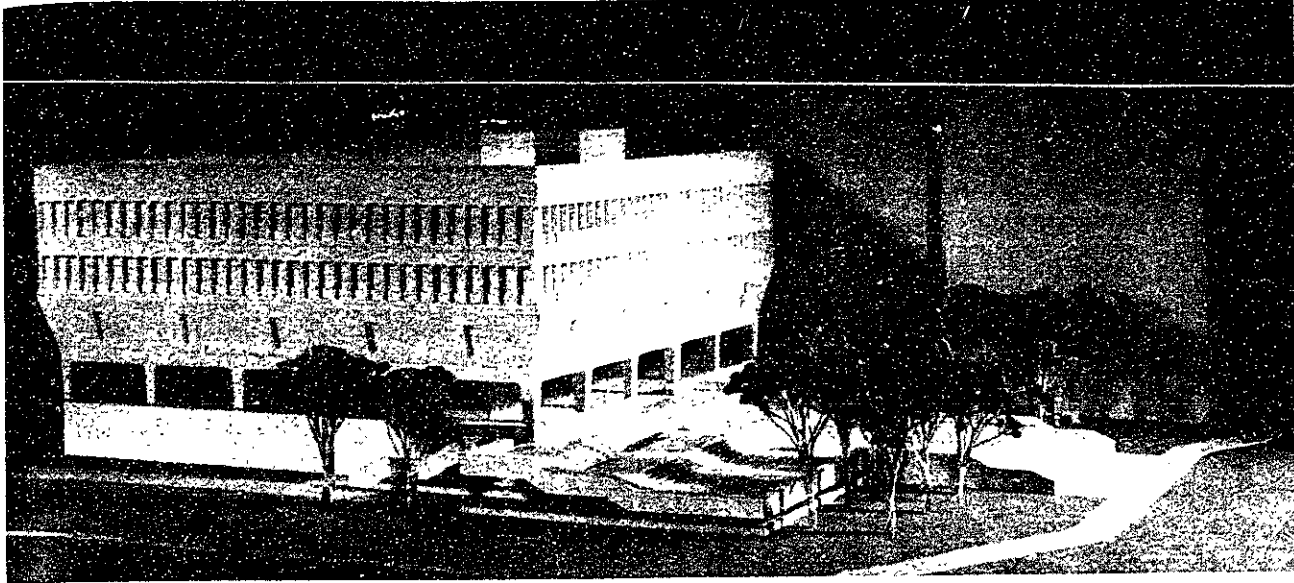


Work to begin on building

Inscomm votes to keep 2nd term Frosh Council



A model of the planned 4-story structure adjacent to the Sloan Building (in the background), is shown above.

Construction on the proposed four-story office and library building to be located behind the Sloan Building may begin this month. Current plans call for two floors of the structure to house the Dewey Library.

Detailed plans have been sent to contractors and their bids have been received, according to Constantine Simonides, Assistant to the Dean of the School of Indus-

trial Management. The contractor for the building has not been disclosed.

Formal acceptance of the final plans for the building may come at the March meeting of the Corporation. A formal groundbreaking ceremony may be planned after such acceptance.

The building will include space for offices and seminar rooms to be used for studies in manage-

ence, international studies, and related fields.

Funds for the new building were provided by a gift from the Alfred P. Sloan Foundation, a National Science Foundation grant, and funds from an as-yet anonymous donor.

By a 9-5 vote, the two-thirds majority of the Institute Committee necessary to dissolve the second term Freshman Council was narrowly missed in a meeting just before Christmas vacation.

Arguments for the abolition of the Council included a survey of the lack of activity of spring term Councils of past years. It was noted that other classes did not have such governing councils.

Opponents of the abolition motion indicated that the current Freshman Council wishes to see its work continued in the spring term and that more than usual interest and activity had been shown this year. Some considered that each class should have its own class council.

Inscomm recommended that the Freshman Coordinating Committee look into the usefulness of the second term Council. The FCC will direct the spring Council to prepare a self-evaluation report at the close of the term.

At the same meeting, sugges-

tions were made to shift the election schedules for Undergraduate Association President and class officers.

By moving the elections up two weeks, campaigning time would be shortened and more time would be available after the election for committee appointments, according to proponents of the move.

Alien students must register with gov't in month of January

All aliens must register with the Federal Government during the month of January. The Form I-53 Annual Alien Address Report is available at any Post Office or Immigration and Naturalization office.

Severe penalties including deportation are provided for failure to comply with this Federal statutory requirement.

Student Center work on schedule

The estimated completion date for the foundation of the Student Center is the third week of January, according to Professor Eduardo Catalano, architect for the building. Professor Catalano added, that construction continues on schedule, but winter weather may slow down work until the beginning of March.

The main floor slab, on which the social and dining facilities are located, will be completed in April. This slab, covering 26,000 square feet, will enclose the ground floor where the new facilities for the Technology Store are to be located.

At the same time, a full-size model of a portion of the office floor elevation, will be constructed to study technical problems related to formwork, concrete

casting, and concrete finishing. The Student Center will be the second largest building in the Second Century Program; it will have 150,000 square feet of floor space.

Theodore Houser, Prof. Cunningham died in December

Dr. Ross M. Cunningham, Associate Professor of Marketing, and Mr. Theodore Houser, Life Member of the Corporation, both died shortly before the Christmas recess.

Although his health had been failing in recent years, Dr. Cunningham still remained active in the School of Industrial Management. He had instructed a class up to three days before his death. He was 56 years old.

Dr. Houser, a distinguished leader in business and public service, had been Chairman of the Board at Sears, Roebuck and Company from 1954 until his retirement in 1958.

He served as Special Term Member of the MIT Corporation from 1954 to 1959 and as a member of the Advisory Council of the School of Industrial Management from 1959 to his death. He was 71 at his death.

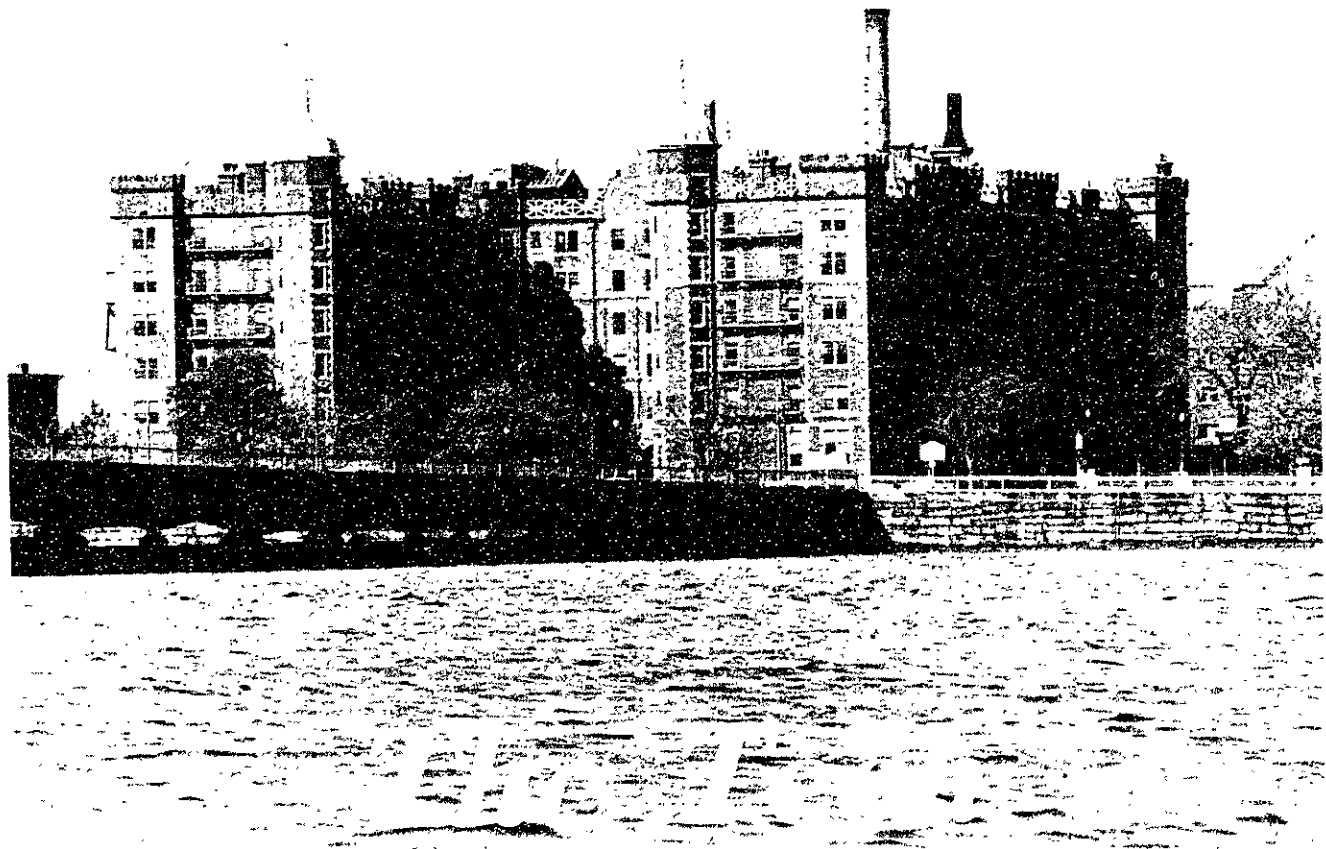
Dr. Cunningham came to MIT in 1937 as an Assistant Professor. From 1934 to 1937 he taught at the University of Tennessee and was Research Associate for the Economics Research Division of the Tennessee Valley Authority. He was co-author of *Industrial Marketing*.

Dr. Cunningham was a former President and Secretary of the American Marketing Association, and he was a founder and first President of the Boston Chapter of that association.

Zacharias to speak on physics courses for undergraduates

Prof. Jerrold R. Zacharias, Chairman of the faculty Committee on Curriculum Content Planning, will be the main speaker in a forum concerning basic physics courses for MIT undergraduates. The meeting will be at 4:30 p.m. Wednesday, January 15 in the Spofford Lounge, Room 1-236.

This will be the second in a series of discussions about Zacharias's recent Interim Report, according to Hank Perritt, '66, who is chairman of the SCEP subcommittee arranging the forum.



Vol. 83, No. 29

Cambridge, Massachusetts, Wednesday, January 8, 1964

Five Cents

\$52,000 awarded

MIT receives Woodrow Wilson grant

The Graduate School has recently received an award of \$52,000 from the Woodrow Wilson National Fellowship Foundation. The grant was made as part of a fellowship-encouragement program by the Foundation that sent a total of \$1,738,000 to schools this year.

The grants, awarded to 71 grad-

uate schools in the United States and Canada, are determined by the number of Woodrow Wilson Fellows now enrolled in graduate studies at the school. Currently twenty-six Wilson Fellows are studying in the MIT Graduate School.

Three-fourths of the funds must be used in the financial assistance

of graduate students beyond the first year who are genuinely interested in a college teaching career. Such students need not be Wilson Fellows. The other fourth of the funds may be used to advance graduate education in any manner.

The Foundation annually names 1000 Woodrow Wilson Fellows who receive assistance for their first-year graduate studies. Prospective Fellows must display a genuine interest in college teaching and be nominated by a faculty member.

Maximum award to any one school under the encouragement program is \$150,000. MIT this year ranks 10th in the number of Fellows attending the Graduate School.

Awards Convocation to take place April 25 in conjunction with Parents' Weekend program

The annual Awards Convocation, normally held in May, will take place Saturday, April 25, 1964, as a part of Parent's Weekend. Bob Blumberg '64, Parent's Weekend committee chairman, indicated that the change would be made to give greater emphasis to the visiting parents to the role of activities in student life. Approximately five to ten Acti-

vities Development Board awards will be presented for the first time this year. In addition to these new awards, the Karl Taylor Compton awards, the Scott Foundation Leadership Award, the Tau Beta Pi outstanding Freshman award and other annual awards will be announced and presented.

Wiener and Bush among five scientists receiving National Medals of Science

Dr. Vannevar Bush '16, honorary chairman of MIT and Dr. Norbert Wiener, professor emeritus, have been named winners of 1963 National Medals of Science, by President Lyndon B. Johnson.

Dr. Bush was cited for achievements in electrical engineering and the mobilization of science in the public service. Dr. Wiener was selected for achievement in mathematics, engineering and biological sciences.

In addition three other scientists received the medal.

Local colleges attend meeting here

All four-year colleges in the Boston area have been invited to attend an intercollegiate conference at MIT this Sunday afternoon in the Hayden Library Lounge.

The conference, aimed at promoting cooperation among these schools, was initiated by MIT and Simmons College last October at a "pilot" meeting.

According to Jerry Luebbers, '64, UAP and MIT representative to the conference, "we plan to

discuss what each school does in student government and student activities."

Each school attending will send two representatives. MIT, Simmons, Harvard, Radcliffe, Boston College, Wellesley, Emmanuel, Tufts, Wheelock, and Northeastern are among those schools invited.

Luebbers stressed that the conference is still in the developmental stage. He does not expect enactment of any proposals in the immediate future.

Gerrity is named a Rhodes Scholar

Thomas P. Gerrity, Jr., '63, an MIT graduate student has been named a Rhodes Scholar. He is one of 32 U.S. students who will enter England's Oxford University in October, 1964. A stipend will provide Gerrity with a yearly \$2520 for two years.

At Oxford, he plans to study information processing in the nervous system.

Majoring in electrical engineering, Gerrity received his S.B. degree from MIT last June. He is a candidate for the master's degree this June.

He is the son of Lt. General Thomas Patrick Gerrity, deputy chief of staff for systems and logistics at U.S. Air Force headquarters in the Pentagon.

On high Dean's list every term, Gerrity held the four-year Sloan Scholarship as an undergraduate and has been working this year under a grant from the National Science Foundation.

He was captain of the wrestling team, and last spring won the Eastern Collegiate Athletic Medal. He was on the track and varsity lacrosse teams, and now is on the rugby team.

He was president and vice president of his fraternity, Beta Theta Pi, and vice president of Athletic Association in charge of the intramural program.

A member of Tau Beta Pi, a national engineering honorary society, he is also a member of Sigma Xi, national honorary society, he is also a member of Sigma Xi, national scientific research society, Eta Kappa Nu, electrical engineering honorary, and both sophomore and junior class activities honoraries.

Damage to science teaching

A recent issue of Science presents disturbing evidence that the enormous extent of Government subsidies for scientific research may be seriously weakening the teaching of science in American universities and colleges, and thus in some ways damaging the nation's future scientific prospects.

The cleavage between science teachers and students in such, Harold Orlans of the Brookings Institution reports, that over half of all university scientists know the names of few or no seniors majoring in their departments. A fifth do not even know the names of advanced graduate

students. In the spring of 1961 science professors at twelve major universities taught an average of only six classroom hours weekly.

At some large schools the problem of graduating seniors who do not know faculty members well enough to get references has become so pressing that it has been necessary to appoint special counselors to meet this need. Some eminent professors spend so little time teaching that even their graduate students have trouble getting to see them. In undergraduate laboratory sections the teaching tends to be done by the poorer rather than the better graduate students since the latter are too amply provided with fellowships and research assistantships to need bother with teaching.

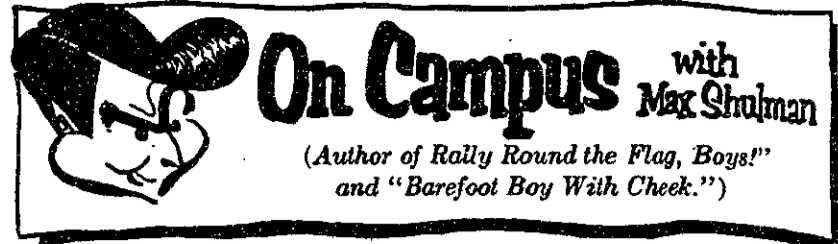
Government research funds which make it so profitable for university students to spend little or no time in the classroom merely compound a general problem that deserves wide attention. In too many cases a university professor's promotion and salary bear no relationship to the quality of his teaching performance—if he teaches at all, that is.

Usually the way to get ahead in the academy is to publish often—almost regardless of the importance of what is published—and to get a reputation for entrepreneurial skill in snaring Government research contracts or foundation grants. Frequently there is no formal incentive to interest a professor in doing a superior classroom job, and on some campuses a teacher's status is inversely proportional to the time he teaches, or to the amount of time he spends on university grounds at all.

University administrators and Government officials alike have a responsibility for prompt action to correct this situation. A better balance between teaching and research would tend to improve both education and scholarship.

Editor's note: This editorial is reprinted, with permission, from Friday's edition of the New York Times.

We feel the issues raised are relevant to the MIT community. In the 1961-62 budget, MIT received \$66 million in federal funds for operating the defense laboratories. Of the \$45.8 million operating costs of the Institute proper, excluding the defense laboratories, \$21.5 million — 47 per cent — was supplied by federal grants and research contracts.



1964: YEAR OF DECISION

Well sir, here we go into 1964, which shows every sign of being quite a distinguished year. First off, it is the only year since 1954 which ends with the Figure 4. Of course, when it comes to Figure 4's, 1964, though distinguished, can hardly compare with 1444 which, most people agree, had not just one, not just two, but three Figure 4's! This, I'll wager, is a record that will stand for at least a thousand years!

1444 was, incidentally, notable for many other things. It was, for example, the year in which the New York Giants played the Philadelphia Athletics in the World Series. As we all know, the New York Giants have since moved to San Francisco and the Philadelphia Athletics to Kansas City. There is a movement afoot at present to move Chicago to Phoenix—the city, not the baseball team. Phoenix, in turn, would of course move to Chicago. It is felt that the change would be broadening for residents of both cities. Many Chicago folks, for example, have never seen an iguana. Many Phoenix folks, on the other hand, have never seen a frostbite.



There are, of course, certain difficulties connected with a municipal shift of this size. For instance, to move Chicago you also have to move Lake Michigan. This, in itself, presents no great problem, what with modern scientific advances like electronics and the French cuff. But if you will look at your map, you will find Lake Michigan is attached to all the other Great Lakes, which in turn are attached to the St. Lawrence Seaway, which in turn is attached to the Atlantic Ocean. You start dragging Lake Michigan to Phoenix and, willy-nilly, you'll be dragging all that other stuff too. This would make our British allies terribly cross, and I can't say as I blame them. Put yourself in their place. What if, for example, you were a British costermonger who had been saving and scrimping all year for a summer holiday at Brighton Beach, and then when you got to Brighton Beach there wasn't any ocean? There you'd be with your inner tube and snorkel and nothing to do all day but dance the Lambeth Walk. This, you must agree, would not help make you NATO-minded!

I appeal most earnestly to the residents of Chicago and Phoenix to reconsider. I know it's no bowl of cherries going through life without ever seeing an iguana or a frostbite, but I ask you—Chicagoans, Phoenicians—is it too big a price to pay for preserving the unity of the free world?

I feel sure that if you search your hearts, you will make the right decision, for all of us—whether we live in frostbitten Chicago, iguana-infested Phoenix, or narrow-lapelled New Haven—are first and foremost Americans!

But I digress. We were speaking of 1964, our new year. And new it is! There is, for one thing, new pleasure in Marlboro Cigarettes. How, you ask, can there be new pleasure in Marlboros when that fine flavorful blend of tobaccos, that clean efficient Selectrate filter, have not been altered? The answer is simple: each time you light a Marlboro, it is like the first time. The flavor is such that age cannot wither nor custom stale. Marlboro never palls, never jades, never dwindles into dull routine. Each puff, each cigarette, each pack, each carton, makes you glad all over again that you are a Marlboro smoker!

Therefore, Marlboros in hand, let us march confidently into 1964. May good fortune attend our ventures! May serenity reign! May Chicago and Phoenix soon recover from their disappointment and join our bright cavalcade into a brave tomorrow!

We, the makers of Marlboros, available in soft pack or flip-top box in all fifty states of the Union, wish to join Old Max in extending good wishes for a happy and peaceful 1964.



Vol. LXXXIII No. 29 Jan. 8, 1964

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Kibitzer

By Alan Rinsky

North
 ♠ K J 10
 ♥ A K Q 2
 ♦ A 10 3
 ♣ 5 4 3

West (dealer)
 ♠ 7
 ♥ J 10 9 8 6
 ♦ K Q J
 ♣ K Q J 2

East
 ♠ 6 5 2
 ♥ 4
 ♦ 9 8 7 6 2
 ♣ 9 8 7 6

South
 ♠ A Q 9 8 4 3
 ♥ 7 5 3
 ♦ 5 4
 ♣ A 10

suits while declarer is squeezing them out, one by one, until nothing remains.

On looking at the North and South hands, eleven top tricks are present, enough to make the contract plus an overtrick.

Unfortunately for West, South won the opening lead with the Ace of Diamonds and played out five rounds of spades, leaving the following position:

North
 ♥ A K Q 2
 ♦ 10
 ♣ 5 4

West
 ♥ J 10 9 8
 ♦ Q
 ♣ K Q

East
 ♦ 9 8 7
 ♣ 9 8 7 6

South
 ♠ 8
 ♥ 7 5 3
 ♦ 5
 ♣ A 10

When South lays down his last spade, West must unguard one of his three suits and declarer discards a club from dummy.

Now declarer plays out all his cards in the suit that West unguarded and West will be forced to unguard a second suit, giving declarer his thirteenth winning trick.

Neither side vulnerable.
 The bidding:
 West 1♥ North 1 N.T. East Pass South 3♣
 Pass 4♠ All Pass
 West leads the King of Diamonds.
 Finesse will fail and suits will not split sometimes when we depend on them most of all, and we conclude that there are some days when fate is simply against us.
 But one of the worst fates to befall a defender is to try holding on to winning tricks in three



By Toby Zidle

College World

Bond scheme in New Hampshire blamed on Massachusetts letters

A rebellion against the government! Banks in New Hampshire have refused to sell U.S. Savings Bonds! This, actually, is the banks' response to an "instant money scheme" which has swept the University of New Hampshire campus.

According to a Treasury Department bulletin, the plan is based on the chain letter principle and thus is completely illegal. Chain letters are considered lotteries, and the Treasury Department may rescind any bond if there is proof that it was pur-

chased in connection with a chain letter.

The scheme, according to **The New Hampshire**, is based on a letter with ten names on a list. The investor buys the letter and one bond made out to the name on the top of the list for \$37.50 and mails it. He then makes two copies of the letter, crossing off the top name on the new list, and sells each list with a bond for \$37.50.

The Post Office at Durham stated that there is no evidence that the letters are going through the mails, but added that it has no way of checking first class mail. It did say, however, that the chief postal inspector for the New England District had been notified.

Banks in the UNH area have reported an unusual increase in

the sales of Savings Bonds. An officer of one bank reported that his bank had run out of the bonds. Another bank, which had sold nearly 40 bonds in one week, was refusing to sell more bonds if it suspected any connection with the chain letter.

The scheme, said an officer of the latter bank, had evidently originated in Massachusetts. In fact, it was reportedly sweeping Harvard.

Action at Harvard

About a week after the UNH report, officials of the Cambridge Trust Co. and the Harvard Trust Co. asked Harvard's Dean of Students Robert Watson to take action to head off a chain letter scheme involving the purchase of Series E Savings Bonds.

The letter allegedly promised a return of \$50,000 for a \$37.50 investment. The banks were seeking to avoid a repetition of a January, 1960 run on bonds by college students. At that time, both banks were forced to suspend the sale of bonds temporarily.

The University, according to **The Harvard Crimson**, was unsure of what aspects of the scheme are actually illegal. Although it is illegal to send chain letters through the mail, postal regulations apparently do not cover the savings bonds. The letter, itself, allegedly warns, "Send only the bonds themselves through the mail. Do not mail the list of names."

At Harvard it is believed that the letter originated at schools around the New York area.

Getting Around

The appearance of the letter in the Boston area has not been limited only to Harvard. An editorial in **Boston College's** newspaper, **The Heights**, reveals that "several chain letters had reached the BU campus and that the names on these papers were those of BC students." States the editorial: "Obviously, the matter has gotten out of hand."

Handling the Mail

The psychology department of a university in the Midwest is now handling its mail through baskets—labelled "Outgoing" and "Inhibited."

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Developing standards and practices where few previously existed, Leo presented his final reports before top-level management, engineering groups, municipal planners, and Chambers of Commerce throughout Rhode Island.

His initiative in carrying out the study and his ability to capably represent his company are just two of the traits that earned Leo his promotion to Engineer in the Plant Extension Department.

Leo Berard, like many young engineers, is impatient to make things happen for his company and himself. There are few places where such restlessness is more welcomed or rewarded than in the fast-growing telephone business.

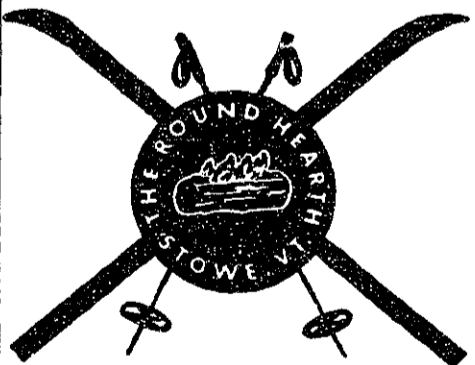


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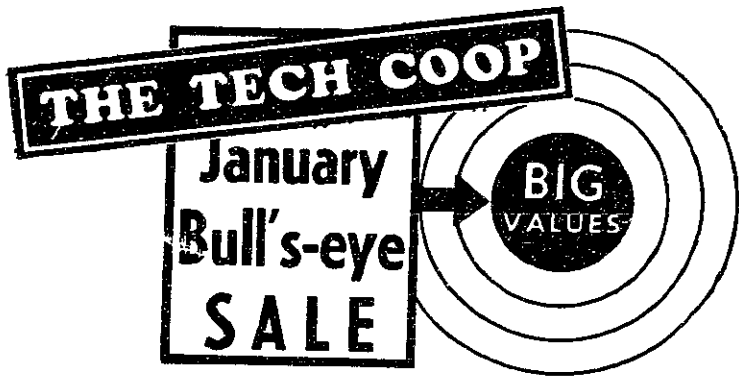
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THE TECH COOP

Marie-Claire Alain, French organist, to play at Kresge

Marie-Claire Alain will give an organ concert tonight at Kresge Auditorium at 8:30.

One of Andre Marchal's students, she is part of France's most famous musical family. Her father, Albert Alain, was an organist and composer; her older sister a singer; and both brothers composers.

She will play works by Jean-Francois Dandrieu, Corrette, Guillaume-Gabriel Nivers, Louis Vierne, and Bach. Half of the program will be devoted to works by members of her family, Albert, Oliver, and Jehan Alain.

Tickets are \$1.50 at the Kresge Box Office.

Critic's Choice

'Charade' shiny come

By Gilberto Per

After the recent avalanche of bad good one is welcome. 'Charade' (at the what uneasy mixture of murder mystery successful than the better balanced genre, but generally pleasant, and in

Stanley Donen, the director, disp the taste for shiny decor, which shan Face, 'Indiscreet'), but which overly edy side of the film for a story whic sight of corpses. Hitchcock, the mas LCC Contemporary Series) successfully mystery in shiny Riviera settings, b murder played up for laughs. In 'The a corpse was the central source of comedy.

For all its flaws, 'Charade' remains the work of a talented director with a fine visual sense and a flair for the high-style comedy. And there is always Cary Grant and Audrey Hepburn.

Otto Preminger's new film, 'The Cardinal' (at the Saxon) raises many of the critical issues which have made its director a controversial figure in films. As a spectacle, 'The Cardinal' is pretty good, visually exciting at times, beautifully photographed on settings all over Europe and the US, with attractive leading ladies (Romy Schneider, Carol Lynley), treating interesting contemporary issues. As a study of the Roman Catholic Church, the film has many faults: a lack of unity, an all-too obvious commercialism, a refusal to take a stand in some major issues, a lack of depth in the treatment of several important points. Mr. Preminger has succeeded in making a show which everyone likes to the detriment of the film's content and structure.

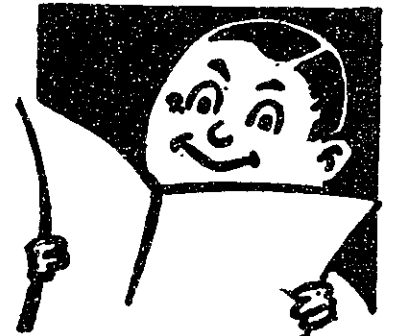
Based on the best-selling novel of the same title, 'The Cardinal'

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Movie Schedule

Wednesday, January 8 through Tuesday January 14. (Unless otherwise stated the Sunday schedule is the same as the weekday schedule except that no movies are shown before 1:00 p.m.)

ASTOR — 'Who's Been Sleeping in My Bed?' 9:40, 11:40, 1:40, 3:40, 5:40, 7:40, 9:40; Sun., 1:00, 3:00, 5:00, 7:00, 9:00.

BEACON HILL — 'Tom Jones,' 10:15, 12:30, 2:45, 5:00, 7:15, 9:30; Sun., 1:00, 3:15, 5:20, 7:30, 9:40.

BOSTON CENERAMA — 'It's a Mad, Mad, Mad, Mad World,' evenings at 8:00, Sun. evenings 7:30, matinees Wed., Sat., & Sun. at 2:00.

BRATTLE — 'The Blue Angel' (1930), 5:30, 7:30, 9:30, matinee Sat. at 3:30 Starting Sunday: Humphrey Bogart Festival, a different Bogart film every night. Shows daily 5:30, 7:30, 9:30, matinees Sun. & Sat. 3:30.

CAPRI — 'Move Over, Darling,' 10:55, 1:05, 3:15, 5:25, 7:35, 9:45; Sun., 1:15, 3:15, 5:15, 7:15, 9:15.

EXETER — 'Any Number Can Win,' 1:50, 3:40, 5:35, 7:25, 9:15.

GARY — 'Cleopatra,' Sun. evening at 7:30; other evenings at 8:00; matinee Wed., Sat., & Sun. at 2:00.

HARVARD SQUARE — 'The VIPs,' 1:45, 5:30, 9:15; 'Operation Bullshine,' 4:00 and 7:45.

KEITH MEMORIAL — 'The Charade,' 9:30, 11:50, 2:15, 4:40, 7:00, 9:30; Sun., 1:00, 3:20, 5:40, 8:00, 10:00.

LSC — 'To Catch a Thief,' Jan. 10, Room 10-250, 6:30, 9:00; 'The Children's Hour,' Jan. 11, Room 10-250, 5:15, 7:30, 9:45; 'The Grapes of Wrath,' Jan. 12, Room 10-250, 8:30, 9:00.

LOEW'S ORPHEUM — 'The Prize,' 9:45, 12:05, 2:30, 4:50, 7:15, 9:40; Sun., 1:40, 4:05, 6:30, 9:00.

MAYFLOWER — 'West Side Story,' no times available.

MUSIC HALL — 'The Sword in the Stone,' 9:50, 12:10, 2:30, 4:50, 7:10, 9:30; Sun., 1:30, 3:05, 5:15, 7:25, 9:35; 'Disneyland after Dark,' 11:20, 1:40, 4:00, 6:20, 8:40, Sun., 2:20, 4:30, 6:40, 8:50.

PARAMOUNT — '4 for Texas,' 9:45, 12:05, 2:25, 4:45, 7:00, 9:20; Sun., 1:35, 4:00, 6:25, 8:55.

PARK SQUARE CINEMA — 'Lord of the Flies,' 2:00, 3:50, 5:40, 7:35, 9:30.

PILGIM — 'Take Off Your Clothes and Live,' 9:30, 12:30, 3:40, 6:45, 9:45; Sun., 1:05, 3:50, 6:40, 9:45; 'World of Comedy,' 10:55, 2:00, 5:05, 8:10, Sun., 2:15, 5:00, 8:05.

SAXON — 'The Cardinal,' evenings 8:30, matinees Mon.-Fri., 2:00, Sat.-Sun., 2:00, 5:00.

UPTOWN — 'Take Her, She's Mine,' 11:00, 2:35, 6:15, 10:00, Sun., 2:55, 6:25, 10:00; 'Condemned of Altona,' 12:35, 4:10, 7:55, Sun., 1:00, 4:30, 8:00.

Theatre Schedule

CHARLES PLAYHOUSE — 'The Boys from Syracuse,' Tues.-Fri., 8:30, Sat. 5:30, 9:00, Sun., 3:00, 7:30.

COLONIAL — 'A Man for all Seasons,' evenings 8:30, matinees Thurs. 2:15, Sat. 2:30.

IMAGE — 'The Underpants,' evenings except Mon and Tues., 8:30; Sat. 7:00, 9:30.

SCHUBERT — 'Funny Girl,' starting Jan. 13.

WILBUR — 'The Crucible,' evenings Jan. 9, 11, 'Ring Round the Moon,' matinee Jan. 9, 11, 'The Seagull,' evening Jan. 9, 10, evenings 8:30, matinees Thurs. 2:15, Sat. 2:30.

BSO Concert

Friday, Jan. 10, 2:00; Saturday, Jan. 11, 8:30; Sunday, Jan. 12, 3:00; Symphony Hall, ERICH LEINS-DORF conducting; PROKOFIEV, Piano Concerto No. 5. Soloists: LORIN HOLLANDER BRÜCKNER, Symphony No. 7

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Making the Scene

THIS WEEK MUSIC	S	M	T	W	T	F	S
Kresge Organ Series — Marie-Claire Alain, Jan. 8, 8:30; works of Dandrieu, Corrette, Nivers, Vierne, Bach, Alain; \$1.50.	12	13	14	15	16	17	18
Nova Arte Quartet — Jordan Hall, Jan. 8, 8:30; Haydn's String Quartet No. 6, Hindemith's String Quartet No. 3, Mendelssohn's String Quartet in E minor; \$4.00, \$5.50, \$5.00, \$2.00.	19	20	21				
Don Shirley Trio — Jan. 8, 7:30, Pine Manor Junior College, Wellesley; \$2.50.							
Chamber music — New England Conservatory, Jan. 9, Jordan Hall, 8:30; Mozart's Adagio and Rondo, Hindemith's Kanonische Sonatine, Ravel's Trois Poemes, Bach's Schafe können sicher weiden and Brandenburg Concerto No. 4; free.							
Tufts Arts Concert Series — The Zurich Chamber Orchestra, Jan. 10, 8:30, Cohen Fine Arts Center; Tufts University; \$2.25.							
Modern Jazz Quartet — Jan. 10, Kresge Auditorium; tickets from postponed Nov. 22 concert honored.							
Jose Greco — and his Spanish Dancers, Symphony Hall, Jan. 10; \$2.00 to \$4.50.							
Vienna Choir Boys — Symphony Hall, Jan. 12, 8:00.							
Walter Trampler Ensemble — Jan. 12, 3:00, Kresge Auditorium; Hindemith's Sonata for Viola, Haydn's Two Divertimenti, Roussel's Four Fancies, Debussy's Sonata for Flute, Viola, and Harp; \$2.50.							
Gardner Museum — Ralph Kirkpatrick, harpsichord, Jan. 12, 3:00; Haydn's Sonata in D major, C.P.E. Bach's Sonata in A minor, J.C.							

LECTURES
Bennett Cerf — Jan. 9, Kresge Auditorium, 8:00, free.
Art Seminar — lead by sculptor Richard Stankiewicz and painter Robert Indiana, New England Life Hall, Jan. 11, 8:30; \$2.00 for non-members of the Institute of Contemporary Art, \$1.00 for members.
Constantine Trypanis — Professor of Byzantine and Modern Greek Language and Literature at Oxford University, Writers of Modern Greece, Jan. 13, 8:00 Hayden Lounge; free.
NEXT WEEK
Mildred Miller — mezzo soprano, program of Lieder, Jan. 15, Jordan Hall; \$4.00, \$3.50, \$3.00, \$2.00.
Concert of Piano Music — New England Conservatory, Jan. 16, 8:30, Jordan Hall; Galle's Sonata in C minor, Bach's Partita in E-flat major, Haydn's Sonata in E-flat major, Liszt's Sonata in E minor; free.
Piano program — New England Conservatory, Jordan Hall, 8:30, Jan. 16; Haydn's Sonata in E-flat major, Jolo's Piano Sonata No. 3, Liszt's Sonata in E minor; free.
Boston Opera Group — 'Lulu,' Jan. 17, Donnelly Memorial; by subscription tickets.

HARVARD SQ. UN 4-4590

"The VIPs"
1:45, 5:30, 9:15

"Operation Bullshine"
4:00, 7:45

BRATTLE SQ. TR 6-4225

"The Blue Angel" (1930)
5:30, 7:30, 9:30

Saturday Matinee at 3:30


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The M.I.T. Choral Society Presents . . .
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LECTURE SERIES COMMITTEE CALENDAR

LSC presents BENNETT CERF THURSDAY EVENING **JANUARY 9**
KRESGE 8:00 p.m.

FREE TICKETS available at 8:30 a.m. Wednesday morning January 8 in Bldg. 10
Open to public without tickets at 7:50 p.m.

Festival of the Performing Arts Film
PAUL SCOFIELD and JOY PARKER
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Wednesday Evening
January 8, 7 p.m.
10-250 FREE

Contemporary Series
Alfred Hitchcock's
TO CATCH A THIEF
Friday Evening
January 10
6:00 and 9:00 p.m.
10-250 60c

Entertainment Series
THE CHILDREN'S HOUR
Saturday Evening
January 11
5:15, 7:30, 9:45 p.m.
10-250 35c

Classic Series
THE GRAPES OF WRATH
Sunday Evening
January 12
6:00 and 9:00 p.m.
10-250
Admission by Membership Ticket

ALA suggests Harvard Bridge name be changed

"If Harvard and MIT won't stand up for their rights, the ALA will," declared Patrick Romano, Assistant Public Relations Manager of the Automotive Legal Association.

According to ALA Travel Manager Earle Marryat, the organization has received "numerous calls" from "Bostonians and out-of-towners alike" concerning the names of the Harvard and Larz Anderson Bridges. The ALA is considering legislation to remedy the confusion.

"If tourists can get to Boston University by crossing the Boston University Bridge they should also be able to get to MIT by crossing the MIT Bridge and to Harvard by crossing the Harvard Bridge," explained Marryat.

Positive action still is in the discussion and "speculation" stage, according to Romano.

Undergraduate reaction at MIT varied from dismay to a suggestion by a freshman that MIT simply change its name to Harvard.

Pagemaster system replaces bells

The Institute has purchased a system for the paging of Physical Plant personnel, replacing in part the bell system in the corridors.

The system, operating from a 30-watt transmitter on the top floor of Building 16, activates a buzzer in a small receiver carried by the person being paged. He then calls Physical Plant for instructions.

Previously the Institute had used the system operated by the Bell Telephone Company for this purpose. This required, however, that the person desiring assistance call Physical Plant, which then called the Bell system. Now, however, Physical Plant actuates the system itself.

The system operates on a frequency adjacent to the Citizens' Band. The transmitter sends out tones which set up sympathetic vibrations in reeds within the receiver. The proper combination of tones sets off the buzzer.

Those whose assistance is re-

quired most often are the heat and vent repairmen. Also the foreman of the pipe shop, the electrical foreman, the grounds foreman, and the head window washer carry receivers. Watchmen who move through different buildings also carry receivers.

At present MIT has 24 of the receivers. Ten more are on order, however. While these will not replace completely the system of bells by which personnel were paged, they will cut down on the use of the bells, which had been the subject of complaints by some professors.

Trypanis to deliver lecture on writers of Greece

Professor Constantine Trypanis, fellow of Exeter College at Oxford University, will deliver a lecture on "Writers of Modern Greece," Monday, January 13, at 8 p.m. in the Hayden Library Lounge.

The lecture is sponsored by the Department of Humanities and will be open to the public free of charge.

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SATURDAY

JAN. 18

8:30 P.M.



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WHAT'S NEW IN THE JANUARY ATLANTIC?

Sean O'Faolain: "Vive Moll!": Ireland's finest writer tells of his early years and the influences which awakened his imagination. An Atlantic Extra.

ALSO

"The Power of James R. Hoffa": A. H. Raskin reports on the Teamsters Union and the secret of Hoffa's power.

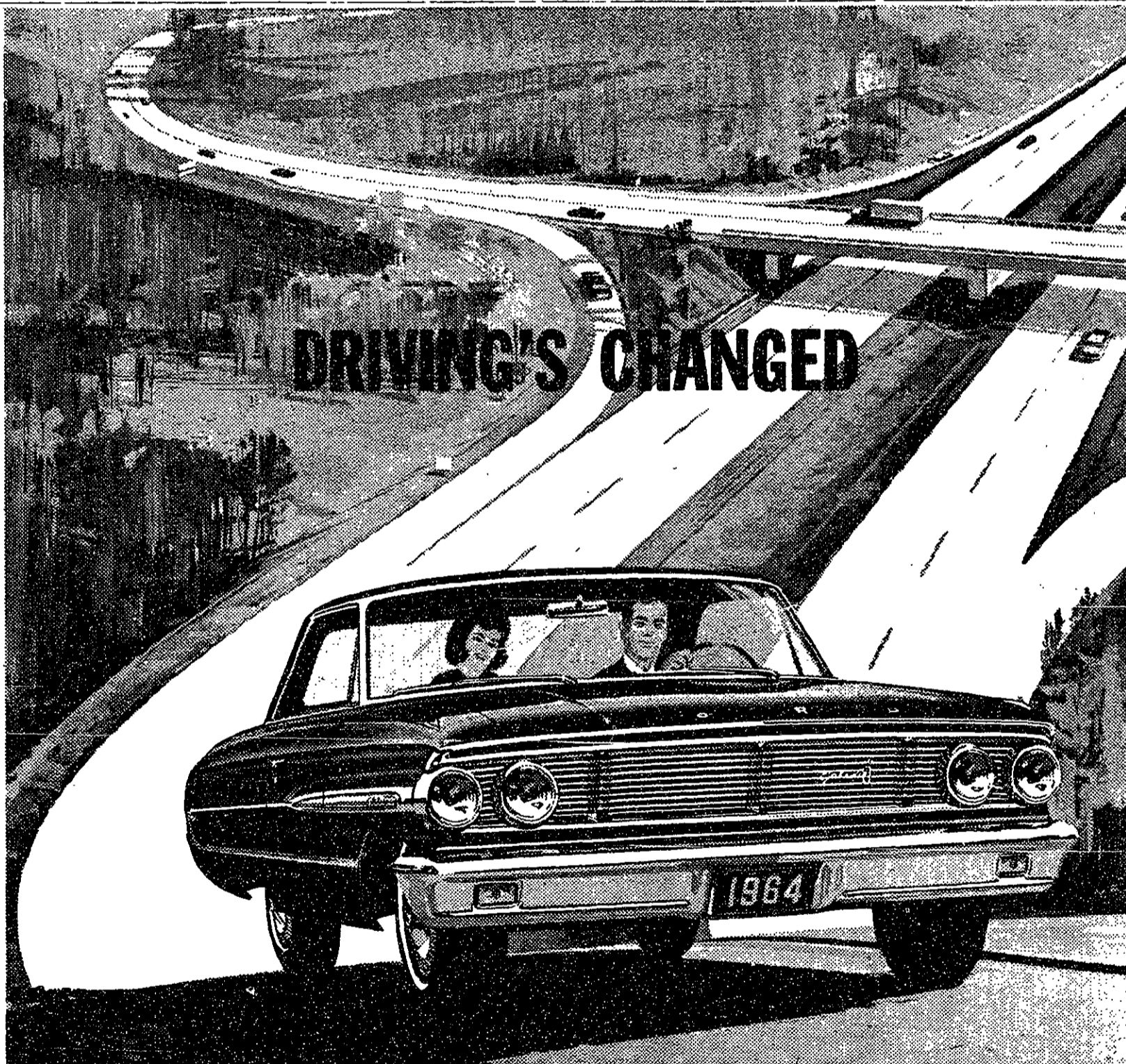
"The Art of Being Free": Are today's colleges educating men in the art of being free? Author-critic Gerald W. Johnson discusses the question.

"Born a Square: The Westerners' Dilemma": Wallace Stegner believes that most writers who have spent their youth in the western part of the United States don't feel at home in a literary generation.

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On Deck

Today, January 8
Wrestling (V) — Brown, Away,
8:00 pm
Wrestling (F) — Brown, Away,
6:30 pm
Friday, January 10
Basketball (V) — Bowdoin, Away,
8:15 pm
Basketball (F) — Bowdoin, Away,
6:15 pm
Hockey (V) — Pennsylvania,
Home, 7:30 pm
Rifle — Boston College, Away
Squash (V) — Yale, Away,
3:00 pm

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Saturday, January 11
Basketball (V) — Bates, Away,
8:15 pm
Basketball (F) — Bates, Away,
6:15 pm
Fencing (V) — Trinity, Away,
2:00 pm
Fencing (F) — Lonox School,
Home, 2:00 pm
Hockey (V) — WPI, Home,
7:00 pm
Hockey (F) — Governor Dummer,
Home, 4:00 pm
Pistol — Navy, Massachusetts,
Home
Rifle — Bowdoin, Away
Squash (V) — Wesleyan, Away,
2:00 pm
Squash (F) — Wesleyan, Away,
2:00 pm
Swimming (V) — Williams,
Away, 2:00 pm
Swimming (F) — St. George's
School, Away
Track (V&F) — Knights of
Columbus, Boston Garden
Wrestling (V) — Amherst, Home,
3:30 pm
Wrestling (F) — Amherst, Home,
2:00 pm

MIT researchers find OH radicals in galactic space

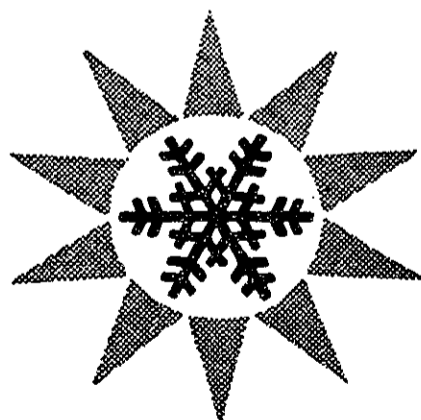
A team of scientists from the MIT Research Laboratory of Electronics and the MIT Lincoln Laboratory has proved the presence of hydroxyl or OH radicals in interstellar space. Techniques of radioastronomy and digital computing were combined to make the measurements of a substance first predicted to exist in space by MIT's Provost Charles H. Townes.

The research group consisted of Professor Alan Barrett, Dr. Marion L. Meeks, Dr. Sander Weinreb, and Mr. John C. Henry. The radio signals were picked up from Cassiopeia A, some billion billion miles away, by the 84-foot antenna at Millstone Hill Observatory.

The signals were converted into a form the computers could read by a digital autocorrelator, a device developed by Dr. Weinreb for his doctoral thesis in 1963. The computer's output was a thin trace of dots with a slight dip at the crucial frequencies—1667.35 and 1665.40 megacycles per second—at which OH radicals absorb radio energy. Analysis showed OH radicals present in interstellar space in a ratio of one OH radical to every 10,000,000 hydrogen atoms.

Two factors contributed to the success of the experiment: the precise measurement of OH absorption frequencies by Dr. Townes in 1959, and the development of the delicate equipment which detected and measured the weak signals from space. The new techniques will make possible a determination of the distribution of OH throughout the galaxy, as was done with hydrogen following its detection in space by two Harvard professors in 1951.

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ON CAMPUS INTERVIEWS: February 17 & 18, 1964
Contact University Placement Office for Appointment

MIT hosts first annual Holiday Wrestling Tourney

by Bob Klein

The first annual MIT Holiday Open Wrestling Tournament was held at Du Pont Athletic Center last Saturday. The tournament was a single elimination affair with a consolation bracket. Nine colleges and eight schools in the New England area were represented by 101 grapplers.

The Holiday Tourney was billed by the Boston papers as a preview of the New England Championships and it turned out just about as predicted. MIT wrestlers took home one first, one second, three thirds and three fourths in the ten weight classes contested. Springfield College, New England Champs for the last thirteen years, was represented by a strong seven man team. Williams College, much improved from last year, was also strong and should be a top contender at this year's New England.

Will Chassey, MIT's varsity

wrestling coach and director of the tournament, described the tourney as a definite success and said that it had already attained a fine reputation in New England.

RESULTS

- 115 lb. 1st Cliff Dameron, Springfield
- 2nd All Curry, U. of Hartford
- 123 lb. 1st Peter O'Keefe, Roxbury Latin School.
- 2nd Fred Burk, Brown & Nichols School
- 130 lb. 1st William Bishton, Coast Guard
- 2nd Peter Keefer, Harvard
- 137 lb. 1st Porter Reed, Springfield
- 2nd John Winfield, Williams
- 147 lb. 1st Peter Reed, Wesleyan
- 2nd Harry Bauer, Williams
- 157 lb. 1st Dave Winter, Springfield
- 2nd Bob Waligunda, Springfield
- 167 lb. 1st Alex Steinbergh, McColloch A.A.
- 2nd James Sharpe, Coast Guard
- 177 lb. 1st Brook Landis, MIT
- 2nd Russell Trask, WPI
- 191 lb. 1st William Leahy, Springfield
- 2nd Dave Schramm, MIT
- Unl. 1st James Chace, Harvard
- 2nd Richard Dresser, WPI

Cagers split Canadian tourneys

Tech's basketball squad downed Union College 67-61 last Saturday night in Montreal to win the Sir George Williams Invitational Basketball Tournament for the second year in a row. The Techmen beat Loyola of Montreal 80-48 in the first round of the tourney last Friday. The Engineers' record now stands at 8-3, their best mark ever at this point in the season.

The Beavers dropped the final game of the Bluenose Classic Basketball Tournament in Halifax, Nova Scotia to New Hampshire, 74-73 Thursday. The Engineers had topped Acadia 42-37 in the first round last Wednesday.

The Engineers dropped their last two games before the vacation, losing to Harvard 81-62 December 17 and bowing to Northeastern 82-74 December 19.

In the final contest of the Sir George Tourney, Tech trailed Union 16-12 after 11:20 of the first half. The Beavers scored the next eight points and went on to take a 28-22 lead at halftime. In the second half, the Techmen maintained their lead without much difficulty and won 67-61. Jack Moter '64 had a game high of 24 points while Bob Grady '65 and Bill Eagleson '64 contributed 17 and 15 points respectively.

In the opening game of the tourney, Tech jumped out to a 29-9 lead over Loyola after eight minutes had elapsed. The second string played 27 of the remaining 32 minutes as the Beavers registered an 80-48 triumph. Moter was again high scorer with 14 points while George McQuilken '65 added 13 and Eagleson chipped in 10.

Eagleson and Moter were named to the all-tournament team and Grady achieved honorable mention.

In the Bluenose Classic, the Engineers lost a heartbreaker to New Hampshire 74-73.

Throughout the game, the Wildcats employed a zone defense which enabled them to lead 40-29 at halftime. However the Beavers moved the ball better in the second half and slowly eroded the New Hampshire lead.

The Techmen finally tied the contest at 53 all on a lay-up by backcourt-man Frank Yin '65 with nine minutes left.

Moter put them in the lead 55-53 with a jumper. However the Wildcats came back with six in a row before Jack Mazola '66 and Yin hit with jumpers in the final minutes.

The big gun for UNH was Jim Rich with 26 points. However, the scoring leader was Eagleson with 27. Moter with 18 and Grady with 12 were the other Techmen in double figures.

The outcome of the game was in doubt right after the buzzer as the official scorebook had the score tied at 73 all. However the other score books showed UNH the winner by 74-73 so the official scorer was overruled by the referee.

The Techmen beat Acadia 42-37 the previous night with clutch second half playing after trail-



Photo by Stephen Teicher

Bill Eagleson goes up for two points despite efforts of Harvard defenders in varsity game at Harvard December 17.

ing 19-18 at the half. Tech trailed by three points several times in the last 20 minutes but went ahead 40-37 on baskets by Moter and Grady in the last three minutes. Eagleson iced the game with a lay-up with 20 seconds left.

Eagleson was again high scorer with 11, while Grady added 10. Mazola, Moter and Yin netted eight, seven, and six points respectively.

Against Harvard, the Engineers took an 11-9 lead at the 7:10 mark of the first half, but the Crimson scored the next nine points and led 40-31 at the half. The final score was 81-62 in favor of the Crimson.

Frosh sports

Hoopmen Beat Harvard 68-55

Tech's frosh hoopmen won its sixth straight game, 68-55, at the expense of Harvard December 17, before finally dropping a contest to Northeastern, 88-76 December 19.

In the Northeastern game, the squad was plagued by sloppy ball handling. Both games were played away from home. The team's record is now 6-1 with an average of about 80 points a game. Coming up are games against Bowdoin Friday, and Bates next Saturday.

Swimming

The swimmers won their meet during the pre-vacation week, topping Boston Latin by a 48-47 count. First places by George Jones in the 100 yard freestyle, Mike Crane in the 200 yard free-

style, and Victor Silva in the butterfly led the team to its fourth triumph of the year against one loss. The mermen meet St. George's next Saturday.

Track

The cindermen downed Tufts by a score of 62-44 December 19. The trackmen carry a record of 1-3 into the Knights of Columbus meet this coming Saturday.

Squash

The squash players dropped contests to Harvard, 9-0 and Army, 6-3 before Christmas. The Techmen fell to Harvard at home December 11, and then a journey to West Point December 14 resulted in their 6-3 defeat. They will compete at Wesleyan this coming Saturday.

Wins 5 of 8 events

5 meet records broken

Phi Delta Theta takes IM swim crown

by Cassius Peacock

Phi Delta Theta captured 5 of 8 events in the intramural swimming meet December 15 to sail to an uncontested victory with 68 points to second place Burton House's 36.

Participation in this year's meet was higher than in last year's as 97 swimmers representing sixteen groups entered.

Five of seven meet records were toppled in the final competition and six more fell in the qualifying rounds which were held Tuesday, December 10 and Wednesday, December 12.

In the qualifying rounds, the Phi Deltas lowered both relay records. Doug Spreng '65 of PDT bettered

the mark in the 50-yard freestyle and Gary Mitchell of Grad House broke the record in the 50 yard butterfly. John Gilchrist '64, PDT set a new mark in the 100 yard freestyle and Matt Degan broke the record in the 50 yard breast stroke.

In the finals, Dave Hoover '64, Dan Frischmuth '64, Gilchrist and Arnold Mahachek '64 all of PDT, took 4.7 seconds off the 200 yard medley relay record, bringing it down to 2:04.3. Dick Marks '65 of Tau Epsilon Pi bettered the 50 yard freestyle record by a full second with a time of 25.0 seconds. Mitchell bettered his 28.0 record of last year in the 50 yard butterfly by .7 seconds.

Gilchrist of Phi Delta Theta chopped 1.8 seconds off Titofsky's record of 59.2 in the 100 yard freestyle. Phi Delta Theta's final 200 yard freestyle relay team of Ernie Ascherman, '67, Mahachek, Bob Wiley '66, and Spreng trimmed the previous record of 1:51.1 by 1.1 seconds. Hoover of Phi Delta Theta won the 50 yard backstroke in 31.7, and George Kossuth '65 of Burton House won the 50 yard breaststroke in 35.1 just 3 seconds off his record 34.8 of last year.

The diving was won by Vernon Bremberg of Phi Delta Theta.

LCA tops PMD for B League lead

In intramural hockey action before the holiday vacation, Lambda Chi Alpha moved into the B League lead by defeating Phi Mu Delta 4-0 and tying Graduate House 4-4. Steve Fletcher '65 was the leading goal getter for the Lambda Chis with the hat trick against Phi Mu Delta and two more against Graduate House. Ron Parker of Graduate House scored the hat trick in that game despite brilliant efforts by Chan Stowell '65, Lambda Chi goalie.

In the A League, Theta Chi remained in the race by pushing past Delta Psi, 8-3. Phil Smith '65 led the way with four goals, and Rick Gander '65 added two more.

ZBT leads C League

Zeta Beta Tau continued to run away with the C League, with Steve Shapiro '66 scoring seven times in their 8-1 win over Alpha

Epsilon Pi. Chi Phi remained within striking distance by overpowering Tau Epsilon Phi 6-1.

The Beacon Street Athletic Club, continued to lead the D League by defeating Pi Lambda Phi 4-2 and Kappa Sigma by a forfeit.

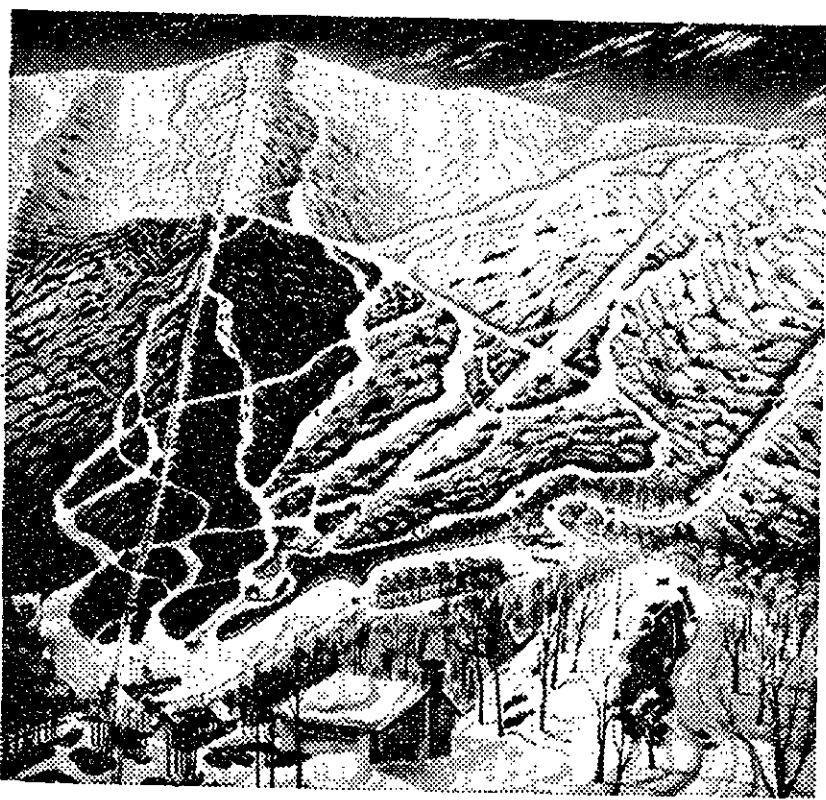
Phi Gamma Delta "B" and Baker House are still undefeated in the E League, with Fiji "B" taking Sigma Alpha Mu 3-1 and Baker beating Alpha Tau Omega 5-0.

IM basketball playoffs

The intramural basketball playoffs started yesterday as the top two teams from each AAA league are competing for the title.

Before the vacation, Graduate Economic Association defeated Grad House East for the National League title as the regular season ended.

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a particular place for particular skiers...

A single chair lift, rising 2000 ft., a double chair lift, rising 1600 ft., and a T-Bar, serving a wide net-work of trails, ranging from very gentle to very steep.

NOTE: Since the above picture was produced, two new trails have been added: (1) a most interesting trail of varying grades and 24 curves running from the mid-station to the east of the base of the single chair lift. 1 1/2 miles long, 1300' drop; (2) another trail, of "slalom glade" character, from the top of the double chair lift half way down the mountain.

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