

Stratton reports: Focus on growth, ethics, and research trends

By Bill Judnick

The 1963 Report of the President was received by students in the dormitories Monday. Breaking tradition, MIT sent the report to students before faculty this year.

In the report, President Julius A. Stratton said the \$98 million collected in the Second Century fund "surpassed all our hopes" and compared it with the \$66 million goal.

Dr. Stratton called the results "proof of public confidence in our objectives" and said the money would "provide the means for major renewal and expansion."

A considerable part of the undertakings provided for in the Second Century Fund are now in progress, he noted, but several new projects remain to be financed. The President cited the proposed Graduate Center as an example; and undergraduate housing, formerly considered long-term, has "now assumed a most urgent importance."

Intellectual climate
"Of even greater significance," the report continues, is the changing intellectual climate at MIT; and the purpose of the Second Century Fund is "to bring the best of ideas to fruition."

The faculty Committee on Educational Policy, under the chairmanship of Prof. Harold Mickley, was cited by the President as work indicative of the great concern for academic matters at MIT.

The Institute has "broken out of rather limited, traditional domain of an institute of technology." The evidence Dr. Stratton presents includes the "internationally known" contributions of our economics, political science, psychology, and linguistics faculty.

Plasma physics to be treated in spring course

A new undergraduate elective providing a broad introductory coverage of plasma physics and magneto-gas dynamics will be taught this spring term. The subject, to be known as 6.32, will carry a 3-0-6 hours rating. It is designed for seniors from all departments.

The subject matter will include: motions of particles in electromagnetic fields, macroscopic equations and transport co-efficients, creation of ionized gas, ionized gas as a fluid and the magnetohydrodynamic approximation, propagation of waves, and instabilities.

No specific prerequisites exist, although 18.06 and acquaintance with electromagnetic theory are suggested. Interested students should contact Professor Whitehouse or Professor Jackson before Registration Day.

Brauer succeeds Zidle as The Tech's Chairman as 7 members of staff are elevated to Board

Howard Brauer '65 will become Chairman of the Board of Directors of The Tech next semester.

Brauer, Senior House resident of Natick, Mass., was elected with the other new directors last Saturday. Formerly Business Manager, he will succeed Tobias Zidle '63.

Ronald Frashure '64, of East Campus and Panama City, Fla., will move from Associate Editor to Editor; he will succeed Jason Fane '64.

Kenneth Browning '66, of Sigma Alpha Epsilon and Rolla, Mo., will be Business Manager. He was formerly Controller.

William Judnick '65, of East Campus and Cleveland, Ohio, will be News Editor; he is succeeding Howard Ellis '65.

Clifford Weinstein '65, of Alpha Epsilon Pi and Atlantic Beach, N. Y., will continue as Sports Editor, and David Vanderwerf '66, of Charles Street and Red-

Widespread growth

As for physical growth, Dr. Stratton noted the expansion in research, characterized by "major organized projects and big laboratories, with a flow of Federal funds, and a network of communications and ties to Washington."

The number of graduate students and faculty members has seen a growth commensurate to that of resources. Over the last eight years, enrollment in the Graduate School has increased about 69 percent.

Measures have been taken to "contain" this somewhat during recent years. In 1959, all but the newest graduate schools were limited to a 5 percent growth rate per year. This past year the figure was reduced to 2½ percent.

Admissions policy
Concerning the relatively stable undergraduate population, Dr. Stratton defended the policy which went into effect

1955—limiting first year admissions to 900—on the basis that it achieved a "balance of quality and resources" available: —

"To stretch our resources to accommodate another one hundred or two hundred students would be to risk the quality of the whole effort. It is the capability of our graduates that we will make our contribution to the nation."

Postgrads new group
The President also commended upon a "new constituency," the postdoctoral group, which has grown sharply in the past few years. One problem associated with their presence is that "few postdoctoral fellowships provide even a small grant to the host institution," yet they represent a new cost.

Comments on past experiments toward a School For Advanced Study followed, and Dr. Stratton thought that "progress

toward an ultimate plan" to handle the group has been made.

Numbers by school

"A shift in student interest from engineering to science," a national phenomenon, "stands out clearly." Engineering majors reached a peak in 1955 according to the report. However, "graduate engineering enrollment is steadily rising."

The accompanying "expenditures for research at MIT not only are continuing to rise, but in fact are increasing more rapidly than educational expenses. They now represent about one-half of the total academic expense. He expressed concern over the trend, not the ratio.

President Stratton commented on the Institute's recent "predisposition for large enterprises," stating that specific causes were difficult to identify. The interdepartmental centers, "an innovation in academic organization," were cited.

Recent examples include: the National Magnet Laboratory, dedicated in April; and Project MAC ("multiple-access computer"), for which a budget of \$2,220,000 has been funded for the first 18 months.

Emerging areas

Providing "most insistent pressures for growth" were such fields as biology, plasma dynamics, and magnetohydrodynamics—whose importance had emerged since 1950.

In the face of these and similar demands, President Stratton called for a preservation of "our central overriding concern for education."

"Commitment to teach is by no means necessarily in conflict with commitment to research," the President reasoned. He felt that this particular distinction of the technical university could serve as an enhancement to the education of the undergraduate participating, as well as that of the faculty.

Government service?

Public responsibility, in the face of growing demands on the time of faculty members for government service, was discussed in the report. Dr. Stratton anticipates that priorities will have to be more carefully established in the future, along with a more detailed formulation of "the conditions under which we assume outside commitments."

The President suggested that younger members of the faculty "participate to some extent in formulation of academic policy. . . . We must encourage, on the part of faculty as well as students a personal identification with the Institute."

Individual research

Commenting on "charges of opportunism" concerning professorial searching for the funds necessary for individual research, Dr. Stratton noted that Federal funding of group research "contributes to the complexities of this problem."

The advantages of the alternative financing through "block grants," where the university receives funds to be administered departmentally for individual research, were discussed. President Stratton felt that there was room for the "scientific entrepreneurs" in this picture, but that "thoughtful surveillance" was needed.

(Please turn to page 3)

Commons, dorm rates skyrocket

By Bill Judnick

An increase of about 16 per cent in a la carte and commons prices, and a 20 per cent average increase in dormitory rents will be effective next fall.

Deans Kenneth R. Wadleigh and

Frederick G. Fassett, and Director of Auxiliary Services Jay L. Marden announced the rate rises Monday.

Commons cost

The commons plan will cost dormitory residents \$478.50 next

year, or \$14.50 per five-day week. Present rates are \$412.50, and \$12.50, respectively. Most a la carte items will go up. Only beverages will remain the same.

Costs by dorms

The old average room rates, and the new ones per year follow by dormitories: Baker, \$400, \$470; East Campus and Senior House, \$370, \$456; Graduate House, \$360, \$430; Burton, \$350, \$426; Bexley, \$440, \$480; and McCormick, \$1100, \$1150.

Monthly rent changes are not anticipated for the Westgate Married Student Complex.

Deans comment

The changes were made after the annual review of Dormitory and Dining Service rates which have just been completed.

In their January 13 statement Marden and the deans said, "Unfortunately, the mounting deficits of the past several years have made mandatory the establishment of rate increases."

They pointed out that the last such major rise occurred in 1957; at that time, an adjustment after three years was anticipated.

"Fortunately, through adjustment in services and hours of operation and economy and efficiency in employees work schedules, no additional rate increase has been necessary until now," they observed.

Cost figures

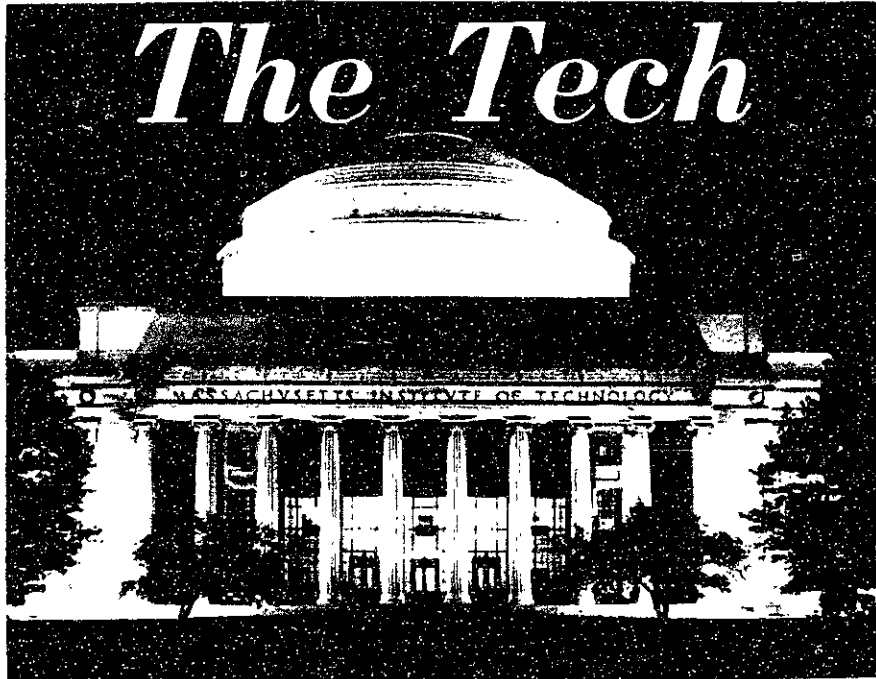
The period starting in 1957 saw employee wage increases ranging from three to five per cent every year for the housing and dining systems. "Increased maintenance and supply costs" were also cited.

Student pay rises of 25 per cent and 17 per cent for dormitory and dining service, respectively, were also put in effect.

Supply, demand

When questioned about possible changes in dormitory demand resultant from the increase, Dean Fassett stated: "No, I don't see any." It was Mr. Marden's opinion that the recent decrease in the number of students leaving the dormitories was due, in part, to recent remodeling and renovations.

Commenting on the additional hardships which students on scholarship might experience, Dean Wadleigh felt certain that the Student Aid Office would take into account the rises by revising upward their estimates of living costs for dorm men.



Vol. 83, No. 30 Cambridge, Mass., Wednesday, Jan. 15, 1964 5c

Program announced

AWS delays Symposium

By Richard Millman

The Association of Women Students planned Symposium on Women in Science and Technology, originally planned for May 1-2, 1964, has been postponed until next fall.

Mrs. Jacquelyn A. Mattfeld, Associate Dean of Student Affairs, indicated that the change was made to allow the conference to be national, rather than regional, in scope.

A tentative list of speakers for

the event includes Dr. Greta Birbring, first woman president of the American Psychiatric Association, Dr. Alice Rossi, of the University of Chicago, and Heien Mariton, of the Rutgers University Math Retraining Program.

The planned program includes a welcome from the Institute administration, an informal introduction, and a keynote address, delivered by a psychologist, on "A Woman's Commitment to a Scientific Profession—Costs and Rewards."

Following the keynote address, a panel including a woman scientist, a woman engineer, and a sociologist or psychologist, will discuss the personal commitment of women scientists in "Are the Rewards Worth the Costs?"

The afternoon program includes three talks. A representative of the federal government's Manpower Commission will discuss "The Growing Demand for Women in Science and Technology." Later talks will treat the current situation of women in science and technology, and in the academic world.

A talk evaluating the existing statistical evidence of desirable professional traits in women of high scientific ability will close the first-day program.

The second day program includes a panel discussion of "The Case for and Against the Professional Employment of Women," from an employer's viewpoint. Miss Mary Bunting, President of Radcliffe College, will deliver a closing address entitled "Closing the Gap."

wood Falls, Minn., will be Features Editor, replacing Walter Winshall '64.

Stephen Teicher '66, of Baker House and Hampton, Va., will continue as Photography Editor.

John Montanus '66, of Phi Gamma Delta and Springfield, Ohio, is replacing Mona Dickson '66 as Entertainment Editor.

John Reintjes '66, of Burton House and Belmont, Mass., will succeed Lyall Morrill '66 as Layout Editor; Reintjes has been Associate Sports Editor.

William Plice '66, of SAE and Hopkins, Minn., will be the new Business Staff representative to the Board. He is currently a member of the advertising staff and will succeed the present representative, Bernard Yaged '64.

The above will form the Volume 84 Board of Directors of The Tech, which will assume its duties with the next issue — February 12.

Pranksters interrupt phone service; Baker House Judcomm has names

Eight central relays in the Baker House phone system were badly damaged last week as the result of 110 volts being put across a particular phone line as a prank. Extent of the damage has not yet been fully assessed to the relays costing \$100 each.

Shortly after the prank, phone service was restored on a limited basis. Responsibility for finding the parties pulling the prank was

given by the Institute to the Baker House Judicial Committee.

Among their efforts, the Judicial Committee placed an article in the Baker news letter urging the pranksters to give themselves up. Since then, these people have contacted the Baker Judicial Committee. The pranksters are presently being interrogated by the Campus Patrol.

Dual service: education and research

In his just-released 1963 report, President Stratton says "there is often serious questioning of . . . an increasing identification of the Institute with research on a large scale."

The President made particular note of the sharp increase in research spending. Last year money for research exceeded outlays for education by \$4 million and was growing at a faster rate.

Referring to these statistics, some people would cut the rate of growth of research. These people feel that research should be justified primarily insofar as it advances education.

We disagree. The primary justification for research is, and we hope will remain, the enormous productivity of the work itself. This work represents an important public service to society.

Nobody would say that the level of education at MIT has fallen since research expenditures began to climb a de-

cade ago. If anything, the Institute has increased its efforts to keep education in phase with exploding scientific growth.

Both the recent curriculum study of the Zacharias Committee and the report of the Committee on Student Environment indicate MIT's major concern with education.

Research complements education in attracting and keeping competent scientists as teachers. Moreover, research gives professors more incentive to keep up-to-date in their fields.

Should it ever happen that the trend would be to expand research at the expense of educational potential, that would be the time to take corrective action.

So long as MIT maintains and improves the high quality of its education we see little danger in increasing the size of its research contribution.

Letters to The Tech

SCEP called incompetent

To the Editor:

In the words of its chairman, the purpose of the Student Committee on Educational Policy is to "investigate . . . publicize . . . and make recommendations to the faculty and administration."

By tradition, SCEP also defines certain problems, investigates their solutions and, in concurrence with the faculty, sets up the proper structure for their solution.

I feel that SCEP has not been doing its job. My criticisms of SCEP are threefold:

1. It has lost contact with the students—at least in many of its projects.

2. SCEP is spreading itself too thin, planning too wide a range of projects rather than doing a more thorough job on a smaller number of most vital projects.

3. On the projects that SCEP does handle, they do a botched, inadequate job.

With reference to my first criticism, I cite the handling by SCEP of the Zacharias Report. When the report was published it created something of a stir. Yet it was over a month later that SCEP finally set up a meeting with the committee, and even at that meeting the chairman of SCEP did not know where to obtain a copy of the report.

Recently SCEP announced that it was investigating "ways of making more summer jobs available to Tech undergraduates." I wonder what this has to do with educational policy and the academic situation at Tech. I agree that the project per se is very

valuable, but could it not be best handled by another more appropriate committee?

As an example of SCEP's version of a thorough job, I cite their handling of the Undergraduate Tutoring Program. Last year, as Professor White and a student committee were finishing the last phases of planning the Burton tutoring program, they were informed that SCEP was planning a similar program.

When the Burton tutoring program was set up this year, Mr. Hoffer was invited to the first meeting. Unfortunately, SCEP planned a meeting of their tutors at the same time. Mr. Hoffer then informed me that there were "over one hundred" tutors in the Institute program (50 of them from Burton).

The basic plan was to set up meetings between the tutors and the heads of freshman courses . . . At the present time there are only 50 tutors, and the 30 members of that group from Burton have not been contacted in three months . . . nor have I.

In short, all our dealings with SCEP have been marked by a complete lack of cooperation on their part. On their most important projects, SCEP has shown incompetence. It is unfortunate that those who are in SCEP lack the interest and motivation necessary to make SCEP an important tool in the molding of the academic environment of MIT.

NORMAN KADERLAN '65
Chairman Burton House
Tutoring Committee

Coda, Vol. 83

Following this last issue of Volume 83, The Tech will take a brief break for finals, and will bounce back on Lincoln's Birthday with a news-packed issue.

During the past year, we have tried to provide our readers with complete and up-to-date news coverage, lively and controversial features, columns, thorough and well-written sports coverage, useful guides to local entertainment, and dynamic photos of the finest quality.

Newswise, we reported the success of

the Second Century Fund, progress on the Student Center, the opening of McCormick Hall, the proposals of the Zacharias Committee on curriculum, and the appointment of Jerome Wiesner as Dean of Science.

Editorially, we supported most of the major trends at MIT — its physical expansion, the growth of the non-academic environment, freedom for students and faculty — and continued the liberal viewpoint of former volumes. We tried to be informative as well as to take a stand on issues, and occasionally evaluated the performance of student groups and the problems of the Institute.

During the past year our circulation grew 10% to another all-time high. We take this as a vote of confidence in our paper and our staff.

Several important news stories will be breaking in the next few weeks. Most important, perhaps, will be the release of the interim report of the Committee on Student Environment. The Committee has been carrying on an intensive study of expansion and improvements that are so vitally needed in our dormitory system.

We thank the many people in the administration, faculty, and student body who have given us their time and help this past year. Our staff, too, has been loyal, able and carried a large burden of this past year's newspapers.

To Ron Frashure, to whom we entrust this page, and to the entire new Board of Directors, we wish a successful year.

THE TECH
Vol. LXXXIII No. 30 Jan. 15, 1964

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This week's title picture is the work of William Bloomquist, The Tech staff photographer.

Kibitzer

By Alan Rinsky

NORTH

♠ Q J 8
♥ 9 7 5
♦ K J 6
♣ Q J 10 6

WEST

♠ K 5 3
♥ K J 10 4 2
♦ 10 7 5
♣ 9 7

EAST

♠ 6 4
♥ Q 6
♦ Q 8 4 2
♣ A K 8 5 3

SOUTH (dealer)

♠ A 10 9 7 2
♥ A 8 3
♦ A 9 3
♣ 4 2

The bidding:

| | | | |
|----------|------|----------|------|
| South | West | North | East |
| 1 Spade | Pass | 2 Clubs | Pass |
| 2 Spades | Pass | 3 Spades | Pass |
| Pass | Pass | Pass | Pass |

West led the Nine of Clubs.

East and West lost their heads in their rush to get a quick club ruff and failed to attack declarer's weak heart holding. He made his contract.

East covered dummy's Ten of Clubs with his King on the opening lead and won the second trick with the Ace. Then he led the Three of Clubs, South discarded the Heart Three and West ruffed.

West, seeing dummy's good Club Queen, led the Five of Dia-

monds in an effort to get East in for another club lead.

Declarer followed the lead with dummy's Diamond Six, East had to go up with the Queen and South, nodding appreciatively to West, won with the Ace.

Declarer had to lose a trick to the King of Spades, but after taking out trump he discarded the Eight of Hearts on the Queen of Clubs and wound up making nine tricks.

At another table playing the same hand, East won the opening Club lead and shifted to the Queen of Hearts. South won with the Ace and led the Three of Diamonds and finessed the Jack (probably not the best play) and lost to East's Queen. The defense ran two hearts and one club and West eventually got his King of Spades, holding South to seven tricks.



Peanuts appears daily and Sunday in the Boston Herald.

Administrative authority continues to be decentralized

(Continued from Page 1)
School Autonomy
 "The time has come to give serious thought to the desirability of changes in the formal administration structure of the Institute," wrote Dr. Stratton. Some efforts toward decentralization of power to the five academic deans have occurred recently.

The President felt that "many budgetary matters and space allocations . . . now could be delegated to the schools for independent administration." School autonomy might thus be more closely compared to that in similar institutions.

The Frank Report
 After citing several examples

of specific academic innovations of the past year, the President's Report summarizes the work of an ad hoc faculty committee on professional ethics.

Chaired by Professor N. H. Frank, the committee directed its attention to such problems as conflicts of interest and the establishment of a basic and operational code of ethics.

The Frank Report "reaffirms the fundamental principle that there can be no compromise with the position that the primary and overriding loyalty of a full-time staff member is to the Institute." The importance of "continuous and open communication about

outside activities between individual faculty members and their department heads." The incumbency upon the Institute to provide continuing leadership in the face of "coupling between educational institutions, industry, and government (growing) more intricate and involved" was inferred.

Concluding remarks

Noting that the problems dealt with in his report are "products of the scientific revolution," President Stratton summarized: —

"There are vital issues of academic and administrative policy to be clarified and resolved. They present us with an enormous challenge, and opportunity, for the steps we take now will determine the character of MIT for a long time to come."

Weekend hours increased for Reserve Book Room

Weekend hours will be increased for the Reserve Book Room.

As of this Friday, the room will be open from 8 am Friday to 1 am Saturday, from 8 am to 10:45 pm Saturday, and from 10 am Sunday to 1 am Monday.

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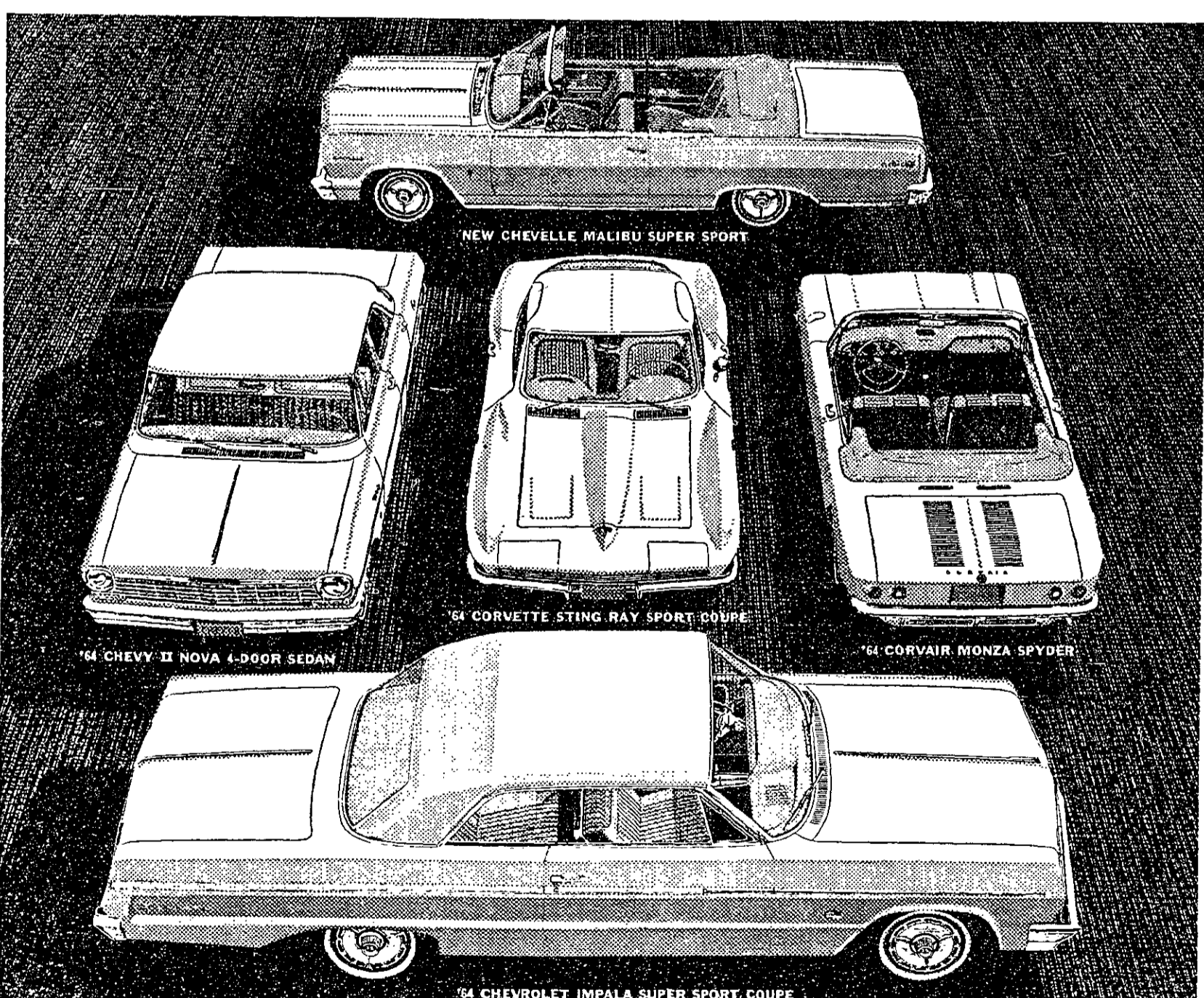
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Tech Engineering News

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Bennett Cerf:

By John Montanus
Bennett Cerf, president of Random House, columnist, humorist, and panelist on "What's My Line" spoke Thursday in Kresge Auditorium. Mr. Cerf's visit, his third to MIT, was sponsored by the Lecture Series Committee.
Mr. Cerf spoke on the topics with which he is most familiar—publishing, humor in America, and life as a TV celebrity. He remarked at length on the problem of censorship in the United States—the problem of the self-appointed, would-be arbiters of public morals. These people, he argued, do more harm than good; by publicizing the obscene but otherwise poor books now on the

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**Censorship, plagiarism, p
Not enough acclaim for**

best seller list, they only call attention to what would otherwise be relegated to "extra reading for college humanities courses." At the same time, these officious people are robbing their fellow citizens of their right to choose for themselves—which is the basic difference between our system and Russia's.

Plagiarism is problem
Publishing has other problems as well—plagiarism and copyright violation are among the most prominent. Articles from magazines some fifty years old are sometimes turned in by contributors, and no publishing firm can spot all of this sort of thing. Students may also, he said, be familiar with another illegal tactic—making Xerox copies of textbooks and selling them at reduced rates to other students. Individuals have made thousands of dollars to further their education in this manner.

Mr. Cerf, the editor of ten volumes of humor, detailed his views of American sense of humor. With today's problems, he feels, laughter is an essential ingredient, enabling us to live with ourselves by poking fun at ourselves. However, Mr. Cerf believes that America has not had another humorist like

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'Tom Jones' recreates Fielding's ribald classic

By David Nolan

Lively, lusty, and rollicking, "Tom Jones" is one of the best comedies in recent years, despite several minor faults. An entertaining adaptation of Henry Fielding's eighteenth-century classic novel the film remains faithful to the plot and atmosphere of this ribald masterpiece, bringing it to the screen larger than life in all its glory.

It is concerned with the adventures and misadventures of young Tom, "of whom it was said — he was born to be hanged." An illegitimate child, he is discovered in the bed of one Squire Allworthy at the beginning of the film and is adopted by the Squire, to be raised as his own son, while Jenny Jones, one of the servants, is discharged in disgrace for having brought him into the world.

The next time we see him, Tom is about twenty, and is bursting with life. His main interests are wine, women, and hunting — and these he pursues with an uncommon zeal, blithely ignoring matters of "religion, piety and the spiritual aspects of life." In direct contrast to his behavior is that of the Squire's nephew Blifil, who is pious, prissy, and sanctimonious to the point of nausea.

As the film progresses the Squire is injured in a riding accident, and Blifil becomes engaged to Sophie Western, the beautiful daughter of Squire Allworthy's eccentric neighbor, Squire Western. Sophie, however, loves Tom, and Tom loves Sophie. Needless to say, nobody except Tom and Sophie approve of this match, so Squire Allworthy, Squire Western, Squire Western's snooty sister from London, and all other forces for good in the community are rooting for Blifil.

Blifil and his cohorts take advantage of the Squire's condition and poison his mind against Tom, whose actions, although lacking in malice of any sort, have admittedly been somewhat less than exemplary. For one thing, he has been carrying on with the beautiful but slovenly Molly Seagram, daughter of the villainous Black George, former gamekeeper to the Squire.

Tom is summarily expelled from the Squire's house, and is followed by Sophie Western. Sophie is in turn followed by Squire Western and his sister. They all encounter friends, relatives, and various other characters in their travels, and everybody chases everybody else all over the South of England, half the time undressed.

TOM JONES: at the Beacon Hill Theatre. A Tony Richardson production starring Albert Finney as Tom, Susannah York as Sophie, Hugh Griffith as Squire Western, Edith Evans as Miss Western, Joan Greenwood as Lady Bellaston and Diane Cilento as Molly.

Through the film, the humor ranges from situation-comedy to the broadest slapstick, and is spiced with liberal amounts of ribaldry, speeded-up chase sequences, and asides to the audience.

The only weaknesses are the photography — which ranges from brilliant at many points to abysmal at others — and the musical accompaniment of the soundtrack. The dizzying chase of the hunt in the early part of the picture and the closeups of the treacherous Blifil are handled particularly well photographically but many of the night shots in the woods are so poorly illuminated as to be almost indistinguishable. As for the music, it is often gimmicky, and seldom a positive asset.

The acting, by and large, is excellent. Albert Finney, hailed by all and sundry as the greatest thing since peppermint-stripe toothpaste, handles the title role capably and with gusto. Although certainly not a "deep" role, it is nonetheless demanding, and it is played well.

Susannah York, although undoubtedly beautiful, is not a first-

rate actress, and though her portrayal of Sophie is certainly adequate, she is outclassed by the really top-rate acting of the other stars.

Hugh Griffith as Squire Western is absolutely tremendous. His performance alone would make the movie a "must." An irascible country buffoon, Squire Western is by all odds the most entertaining character in the movie, and Hugh Griffith portrays him mightily.

Many of the other characters are also portrayed extremely capably—the roles of Mrs. Waters, the good-times lady, Partridge the unsuccessful highwayman, and

Tom's tutors Thwackum and Square are all handled very well, as well as those of Blifil and Lady Bellaston, an aging spider-lady.

All in all, "Tom Jones" can't be beat for a good evening's entertainment, and any date who is not a complete prude will enjoy it as much as you will. On a scale of ten, this rates 9+

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Thurs.—"The Oklahoma Kid"
Fri.—"The Roaring Twenties"
Sat.—"They Drive By Night"
Sunday—"Dark Passage"

Monday—"Treasure of Sierra Madre"
Tues. & Wed.—"Casablanca"
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Monday—5:15, 7:30, 9:45
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Lecture Series Committee Calendar

Contemporary Series

"Last Year at Marienbad"

Friday Evening

January 17

6:30 and 9:00 P.M.

10-250 60c

Tool's Matinee

"Don't Knock The Twist"

Saturday afternoon

January 18

2:00 P.M. 10-250 35c

Entertainment Series

"Gypsy"

Rosalind Russell - Natalie Wood

Saturday Evening

January 18

6:00 and 9:00 P.M.

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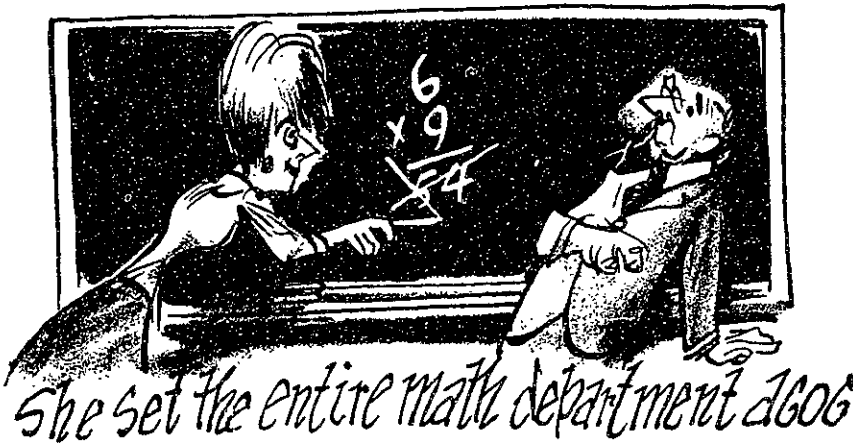
On Campus with **Max Shulman**
(By the Author of "Rally Round the Flag, Boys!" and "Barefoot Boy With Cheek.")

A GUIDE FOR THE GUIDERS

One of the most interesting academic theories advanced in many a long year has recently been advanced by the most interesting academic theorist, E. Pluribus Ewbank, Ph. D. ... who holds the chair of Interesting Academic Theories at the St. Louis College of Footwear and Educational Philosophy. Dr. Ewbank said in the last issue of the learned journal, the *Mount Rushmore Guide to Scholastic Advancement and Presidents' Heads*, that we might be approaching the whole problem of student guidance from the wrong direction.

Dr. Ewbank, a highly respected pedagogue and a lifelong smoker of Marlboro Cigarettes, (I mention Marlboros for two reasons: first, to indicate the scope of Dr. Ewbank's brainpower. Out of all the dozens of brands of cigarettes available today, Dr. Ewbank has had the wit and taste to pick the one with the most flavorful flavor, the most filtracious filter, the most soft soft pack, the most flip top Flip Top box: I refer, of course, to Marlboro. The second reason I mention Marlboro is that I get paid to mention Marlboro in this column, and the laborer, you will agree, is worthy of his hire.)

But I digress. To return to Dr. Ewbank's interesting theory, he contends that most college guidance counselors are inclined to take the easy way out. That is to say, if a student's aptitude tests show a talent for, let us say, math, the student is encouraged to major in math. If his tests show an aptitude for poetry, he is directed toward poetry. And so forth.



All wrong, says Dr. Ewbank. The great breakthroughs, the startling innovations in, let us say, math, are likely to be made not by mathematicians—whose thinking, after all, is constrained by rigid rules and principles—but by mavericks, by nonconformists, by intuitors who refuse to fall into the rut of reason. For instance, set a poet to studying math. He will bring a fresh, unfettered mind to the subject, just as a mathematician will bring the same kind of approach to poetry.

By way of evidence, Dr. Ewbank cites the case of Cipher Binary, a youth who entered college with brilliant test scores in physics, chemistry, and the calculus. But Dr. Ewbank forced young Cipher to major in poetry.

The results were astonishing. Here, for example, is young Cipher's latest poem, a love lyric of such originality that Lord Byron springs to mind. I quote:

*He was her logarithm,
She was his cosine.
Taking their dog with 'em,
They hastened to go sign
Marriage vows which they joyfully shared,
And wooed and wed and pi r squared.*

Similarly, when a freshman girl named Elizabeth Barrett Sigafos came to Dr. Ewbank to seek guidance, he ignored the fact that she had won the Pulitzer prize for poetry when she was eight, and insisted she major in mathematics. Again the results were startling. Miss Sigafos has set the entire math department agog by flatly refusing to believe that six times nine is 54. If Miss Sigafos is correct, we will have to re-think the entire science of numbers and—who knows?—possibly open up vistas as yet undreamed of in mathematics.

Dr. Ewbank's unorthodox approach to student guidance has so impressed his employers that he was fired last week. He is currently selling beaded moccasins at Mount Rushmore.

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movie schedule

Wednesday, January 15 through Tuesday January 21 (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 — "Straightjacket," 10:00, 12:00, 2:00, 4:00, 6:00, 8:00, 10:00, Sun. 1:30, 3:30, 5:30, 7:30, 9:30.

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

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

BRATTLE — Humphrey Bogart Festival: Today, "Marked Woman"; Thursday, "The Oklahoma Kid"; Friday, "The Roaring Twenties"; Saturday, "They Drive By Night"; Sunday, "Dark Passage," Monday, "Treasure of Sierra Madre," 5:15, 7:30, 9:45; Tuesday - Wednesday, "Casablanca." Shows daily 5:30, 7:30, 9:30, mats. Sat. and Sun. at 3:30 (except for "Treasure of Sierra Madre").

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.

CINEMA — "Heavens Above," Mon., Tues., Wed., Fri. 2:15, 7:15, 9:30; Thurs. 1:15, 3:15, 5:15, 7:15, 9:30; Sat. and Sun., 2:30, 4:50, 7:10, 9:30.

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; matinees Wed., Sat., & Sun. at 2:00.

HARVARD SQUARE — "Freud," 1:45, 5:20, 9:00; Wesker's "The Kitchen," 3:50 and 7:30, Sunday-Monday-Tuesday; "Lilies of the Field," 3:10, 6:25, 9:40; "Toys in the Attic," 1:30, 4:50, 8:05.

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 — "Last Year at Marienbad," Jan. 17, Room 10-250, 6:30, 9:00; "Gypsy," Jan. 18, Kresge, 6:00, 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 — "Lilies of the Field," 10:50, 1:25, 4:00, 6:35, 9:15, Sun., 1:50, 4:25, 6:50, 9:20; "Horse with the Flying Tail," 10:00, 12:30, 3:05, 5:40, 8:15, Sun., 1:00, 3:30, 6:00, 8:30.

MUSIC HALL — "The Sword in the Stone," 9:50, 12:10, 2:30, 4:50, 7:10, 9:30; "Disneyland after Dark," 11:20, 1:40, 4:00, 6:20, 8:40, Starting Friday; "Soldier in the Rain," 9:45, 12:40, 3:40, 6:40, 9:40; Sun., 1:00, 3:55, 6:55, 9:55.

PARAMOUNT — "Who's Minding the Store?" 11:25, 2:53, 6:20, 9:38, Sun., 2:53, 6:19, 9:38; "No Trees in the Street," 9:30, 1:11, 4:30, 7:55, Sun., 1:36, 4:30, 7:58.

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

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

UPTOWN — "Wheeler Dealers," 11:00, 2:35, 6:15, 9:55, Sun., 2:45, 6:15, 9:55; "Twilight of Honor," 12:40, 4:20, 8:00, Sun., 1:00, 4:30, 8:00.

WEST END CINEMA — "A Pair of Briefs," 12:00, 2:00, 4:00, 6:00, 8:00, 10:00; Sun., 1:45, 3:45, 5:45, 7:45, 9:45.

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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.

HOTEL BOSTONIAN PLAYHOUSE — "End-game," Theatre Company of Boston, opens Jan. 21.

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

SHUBERT — "Funny Girl," Eves. at 8:00.

WILBUR — "Any Wednesday," begins Jan. 27.

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THIS WEEK MUSIC

Mildred Miller — Jordan Hall, Jan. 15, 8:30; music of Mozart, Schumann, Brahms, Strauss; \$4.00, \$3.50, \$3.00, \$2.00

Concert of Piano Music — New England Conservatory, Jordan Hall, Jan. 16; Galles' Sonata in C minor, Bach's Partita in E-flat major, Haydn's Sonata in E-flat major, Liszt Sonata in E minor

Boston Opera Group — 'Lulu,' Jan. 17, Donnelly Memorial

John Ogdon — British pianist Jordan Hall, Jan. 17, 8:30; Brahms-Paganini Variations, Beethoven's Sonata Opus 109, Ogdon's Variation and Fugue, works by Bach, Busoni, Liszt

Jackie Washington — Jordan Hall, Jan. 18, 8:30

ISSAC STERN — Symphony Hall, Jan. 19, 4:00; Brahms' Sonata No. 2, Bach's Partita No. 1, Prokofiev's Sonata in F minor

New England Chamber Players — Jordan Hall, Jan. 19, 3:00; Mozart's

Symphony No. 41, Beethoven's Overture to Coriolan, vocal music by Bartok, des Pres, Morley, Byrd

Gardner Museum — Mieczyslaw Horzowski, pianist, Jan. 19, 3:00; Mozart's Sonata in D major, Clementi's Sonata in A major, Haydn's Sonata in C major, Beethoven's Sonata in E-flat major

MIT Chapel Organ Series — Emory Panning, organist of the Church of the Covenant, Jan. 19, 4:00; in the MIT Chapel.

THEATRE

LSC Contemporary Series — 'Last Year at Marienbad,' Jan. 17, Room 10-250, 6:30 and 9:00 p.m.

Harvard Dramatic Club — 'The Demon Barber of Fleet Street,' Agassiz Theater, Jan. 16-18, 8:30. Original musical melodrama. Reserved tickets \$2.40 and \$1.80, unreserved, \$1.20.

LSC Entertainment Series — 'Gypsy,' Kresge, Jan. 18, 6:00 and 9:00 p.m.

Film Trilogy — 'The World of Apu,'

(Mayling Soong Foundation); Jewett Auditorium, Wellesley College, Jan. 18 and 25, Feb. 1, 8:00 p.m.

MISCELLANEOUS

Exhibition of Marine Prints — Clark and Forbes Collection of the Hart Nautical Museum, Hayden Gallery, MIT, through Jan. 26

Boston Museum of Fine Arts — 'Maine and Its Artists,' through Jan. 26

MIT Friday Forum — Talk on the Zacharias Committee Reports, Profs. Hartley Rogers and Richard Green, Jan. 17, Hayden Library Lounge, 5:00 p.m.

NEXT WEEK MUSIC

Symphony Hall Organ Concert — John Ferris, Harvard University organist, Jan. 26, 6:00 p.m. Music of Couperin, Mozart, Pinkham, Franck, Badin's; all seats \$1.50

MIT Chapel Organ Series — John Caruthers, College of Wooster, Ohio; Jan. 26, 4:00 p.m.

Arthur Rubinstein — Symphony Hall, Jan. 26; Franck's Prelude, Chorale and Fugue, Schumann's Carnival, Chopin's F minor Ballade four preludes, and Scherzo in E, Liszt's Valse Oubilee and 12th Hungarian Rhapsody

Gardner Museum — James Papoutsakis flute, Louis Speyer, Oboe, Helen Keane, harpsichord, Jan. 26 3:00; Quantz' Trio in C, Marcello's Sonata for flute and harpsichord, Pinkham's three canons for harpsichord, Loellier's Sonata a trois, Sammartini's Sonata in G, Telemann's Trio; free

Boston Opera Group — 'The Magic Flute,' Jan. 29, Donnelly Memorial, Sung in English.

New England Conservatory Symphony Orchestra — Jordan Hall, Jan. 29, 8:30 p.m. Haydn's Symphony No. 49, Strauss' Till Eulenspiegel, excerpts from Barber's Medea. Admission free.

LECTURE

Experiment in International Living — Al Capp, featured speaker, the Krokodiloes, singers; Kresge, Jan. 24, 8:30 Tickets \$2.00, \$5.00, and \$7.50

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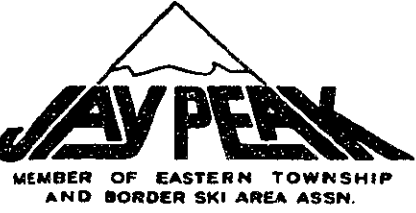
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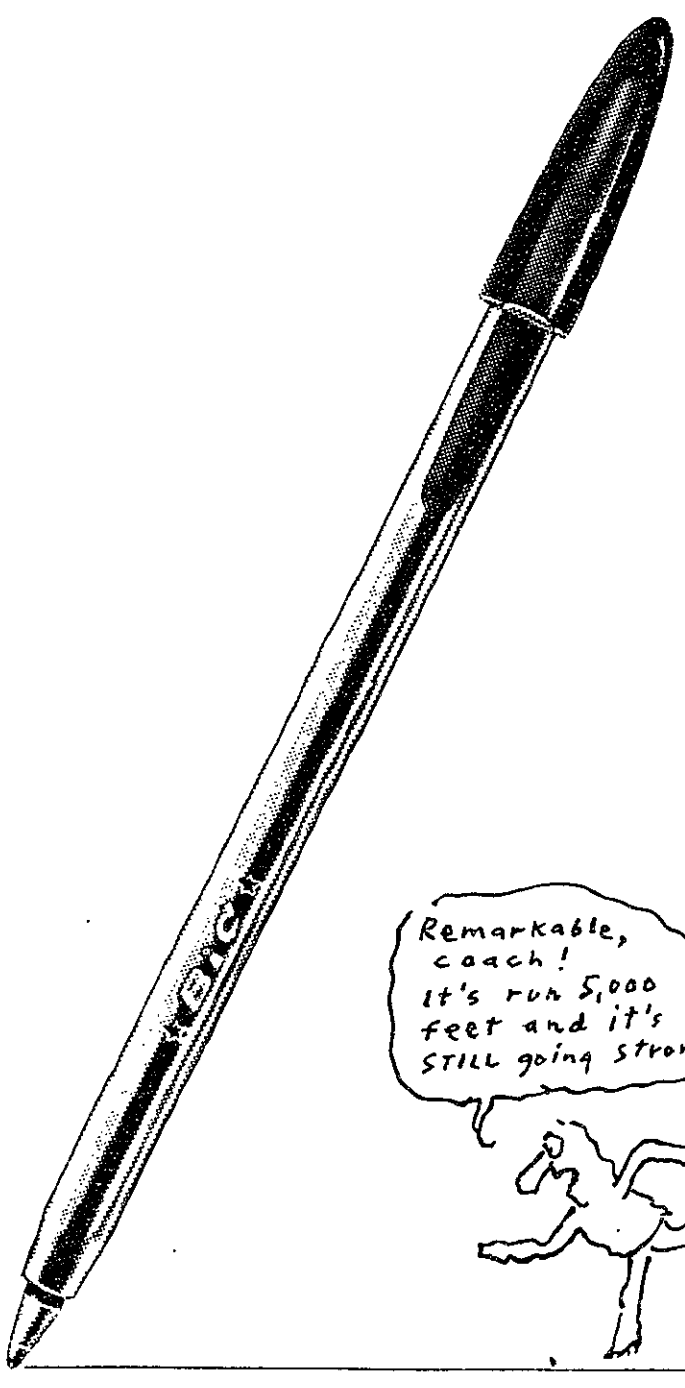
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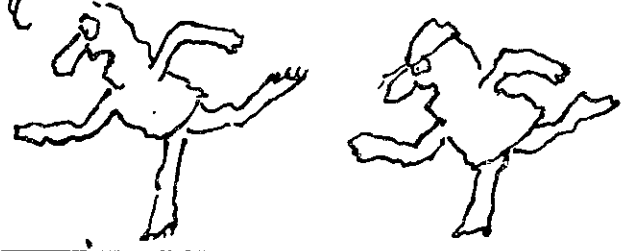
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Saturday Morning
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Cagers split for 9-4 season mark

The Tech cagers split two contests on their Maine trip last weekend, losing to Bates 63-56, Saturday, after beating Bowdoin 67-63 the night before. The hoopmen thus go into tonight's home encounter vs. Lowell Tech with a 9-4 record. This game and home

contests Friday and Saturday night against King's Point and Adelphi, are key contests in determining the success of this year's season.

Bates 7-point spurt wins
MIT led only once in the Bates game, by 5-4 in the early minutes.

The maroon's aggressive defense took charge in the first half and built up a 32-26 halftime lead for Bates. The Engineers came back in the second half and finally pulled even at 46-46 with 8:40 remaining. But the Bobcats promptly pumped in seven points in a row to ice the contest.

Ted Krzynowski of Bates was the game's leading scorer with 17 points, 11 of these coming in the second half. Co-captain Jack Moter was high for MIT with 15, while Bob Grady '65 and co-captain Bill Eagleson added 12 apiece.

Bowdoin contest seesaws

Tech took an early lead against Bowdoin, but then fell behind by 28-21 with 5:59 left in the first half. The eBavers then closed the gap to 34-31 at intermission. The Engineers came out strong in the second half and built up a 48-42 lead after 6:34 had elapsed. But then Bowdoin bounced back to

take a 63-57 lead with 4:18 left.

Yin Mazola score key points

At this point MIT changed from a 1-2-2 zone to a 1-3-1 half-court zone press which effectively shut out the Polar Bears, and enabled MIT to tie it up with 2:21 remaining. After two scoreless minutes, Frank Yin '65 hit a lay-up with only twenty seconds left. Bowdoin then lost the ball out of bounds after missing a shot, and Jack Mazola '66 was fouled on the throw-in. He calmly sank two foul shots to ice the game with only five seconds showing on the clock.

Moter paces MIT scorers

Bowdoin's center, Dick Whitmore was high for the game with 27, while Moter paced Tech's scorers with 21. One of the highlights of the victory was MIT's holding of the Bears' captain, Harry Silverman to one field goal in the second half after he had scored six field goals in the first half.

Swimmers incur 1st loss, 61-34 at Williams pool

By Neal Gilman

The MIT swim team lost its first meet of the season at Williams last Saturday afternoon. Losing by a score of 61-34 brought the team's record to 4 wins and 1 loss. The mermen met Adelphi at home, 4:00 p.m. Monday.

The mermen won three events from the Williams team. Dick St. Peters '65, after placing second in the 200-yard freestyle went on to win the 500-yard freestyle in a time of 5:59.6. Bill Brody '65 won his 200-yard butterfly race in 2:46.6, while Steve Enover '65 grabbed a slim first in the diving by .75 points. Eric Jensen '64 placed second and third in the 200-yard backstroke and 200-yard individual medley, respectively. Dick Breinlinger '66 placed second in the 50-yd. freestyle and later tied for second with Bob Bachrach '64 in the 100-yard freestyle with a time of 56.5.

In the 200-yard breaststroke, Cash Peacock '65 and Mike Huke '65 gained second and third with times of 2:42.3 and 2:44.9, respectively.

How They Did

Basketball

MIT 66—Bowdoin 63
Bates 63—MIT 56
MIT (F) 72—Bowdoin 58
MIT (F) 79—Bates 61

Fencing

Trinity 14—MIT 13
MIT (F) 16—Lenox School 11

Hockey

Pennsylvania 6—MIT 1
WPI 7—MIT 1

Pistol

Navy 1308—Massachusetts 1298—MIT 1297

Rifle

MIT 1297—Boston College 1259
Navy 1443—MIT 1429

Squash

Yale 8—MIT 1
MIT 5—Wesleyan 4
Wesleyan (F) 9—MIT (F) 0

Swimming

Williams 63—MIT 34
St. George's School (F) 48—MIT 47

Wrestling

MIT 19—Brown 11
MIT 17—Amherst 13
Brown (F) 22—MIT (F) 8
MIT (F) 23—Amherst 9

Williams undefeated

Matmen top Brown, Amherst

by Dave Kress

The MIT varsity wrestlers won two meets last week to bring their season record to 3-2. Wednesday night the squad fought to a 19-11 victory on the Brown University mats. In a closely-fought match last Saturday afternoon, MIT gained a 17-13 victory over Amherst in the MIT armory as Captain Mike Williams '65 remained unbeaten and untied for the season.

In the Brown meet, top honors were taken by 147-pound Maryland "Whitely" Whiteman '66 as he scored Tech's only pin in 8:49. Decisions in the match were recorded by 123-pound Tom McAuley '65, 5-0; Tim Connelly '66 at 130 pounds, 5-2; and 167-pound Williams, 8-4.

Williams then moved to 157 pounds and extended his string to five by pinning the Amherst co-captain in 2:54. Decisions in the Amherst meet were scored by Connelly, 8-4; 137-pound Hal Hultgren '66, 5-0; Whiteman, 6-0; and 167-pounder Bob Wells '65, 7-2.

Political Science, GEA win hoop playoff games

by Paul Rudovsky

Political Science and Grad Economic Association each won their first playoff game in IM basketball last week and now appear to be the favorites to win the Intramural crown.

Political Science defeated Grad House East, 65-55, by dominating both boards and displaying some amazing shooting ability. Grad House, one of the pre-season favorites, was losing by 5 points near the end of the third quarter when their playmaker, Sam Bodman, fouled out. Political Science was led by Willard Cole's 23 points and Harper Keeler's 19 points.

GEA Beats Burton

Grad Economic Association trounced Burton House A 70-49 to gain a spot in the intramural finals to be played this week. GEA managed to hold Burton star Don Kunze '64, to 13 points while slowed Burton's offense. William Whitelaw dunked in 29 points for the victors.

In other major division games Grad Management Association, with three men in double figures, easily defeated Lambda Chi Alpha 60-37. GMS then edged out Theta Chi A, 50-45 for third place in the American League. TC later defeated LXA for fourth place.

Conner Takes PCL

In the A A A Division, Burton Conner 2nd took first place in the Pacific Coast League, while Sigma Chi took second place by defeating TC 49-32. Phi Mu Delta won the American Association championship while Theta Delta Chi A defeated Zeta Beta Tau 37-36 for the runner up position. The Western, Southern, and Eastern Leagues, were won by the Non-Resident Student Association, Chi Phi, and Phi Kappa Theta, respectively.

Mile relayers 3rd in K of C meet

MIT's track squad was represented by several members at the Knights of Columbus track meet at the Boston garden.

Tech's best finish was in the college mile relay as Jim Flink '64, Larry Schwoeri '66, Joel Rogers '65, and Terry Dorschner '65 combined to take third place behind Northeastern and Bates. Sumner Brown '66 set a new MIT varsity record for the indoor mile

with a time of 4:23.4, yet finished sixth in the college division of the mile run.

A sixth in the broad jump was gained by Rex Ross '66. Two of MIT's brightest hopes, Jim Flink and Al Tervalon '65, hurt by the fact that the dash and hurdles races were not confined to only collegiate runners, failed to reach the finals in these events.

Icemen lose to Penn, Worcester



MIT center Hank Newell '65 battles for the puck with Penn defenseman in Friday's hockey game on the MIT ice. Penn won the game 6-1.

Tech's varsity icemen were defeated twice here this past weekend losing to the University of Pennsylvania 6-1 on Friday night and then 7-1 to Worcester Polytech Institute Saturday. The MIT squad is now 0-6 for the season.

Against Pennsylvania, MIT successfully withstood a strong attack in the first period, largely due to many fine saves by goalie Joe Kirk. But Penn's size and power prevailed in the remaining two periods as they scored three times in each. Leading the scoring for Penn was Phillip Lee with two goals and an assist. MIT's only goal was by Pete Catto '66 in the final period with an assist from Tony Pasquale '66.

Catto scored again Saturday night against WPI, but Bill Modzelowski shot in three to lead Worcester to a 7-1 victory.

Frosh sports

Hoopmen take two, still hot at 8-1

by Charles Willman

The frosh basketball team continued its fine season last week with two more victories to bring its record to 8-1. The hoopsters won in games against Bowdoin and Bates last Friday and Saturday nights, by scores of 72-58 and 79-61.

Alex Wilson led the squad against Bowdoin with 24 points, in a game played away from Tech on January 10. The team had several standouts the next night as they traveled to Bates, among which was Don Santini. The frosh will seek to continue their winning streak in games against New Prep and Adelphi in the Cage during this coming week. They will also play WPI before the end of the term.

Trinity squeezes past MIT to win fencing meet 14-13

Tech's varsity fencers dropped a close meet to Trinity by a 14-13 margin last Saturday. The loss brought the Techmen record to 3-2.

At Trinity, the epee squad took 5 of its nine bouts, while the foil and sabre teams each were 4-5 for the day.

Wrestling

The wrestlers split two meets last week, losing to Brown, but coming back to beat Amherst. On Wednesday, January 8 the team traveled to Providence, only to lose to Brown 22-8. Last Saturday however, the grapplers met Amherst at home and emerged victorious by a score of 23-9. The matmen scored pins in four out of the five contests that they won in the meet, and the victory brought their season's record to 3-2. The team will wrestle Wesleyan this coming Saturday.

Swimming

For the fourth time this season, the frosh swimmers were involved in a meet decided by one point as they lost a heartbreaker to St. George's School, 48-47, at St. George's. The squad now has a 4-2 record, with both losses coming by one point. Victories by Mike Crane in the 100 yard freestyle and Victor Silva in the butterfly paced the mermen in their losing effort. Matches against Bowdoin and Andover at home are forthcoming before the end of the term.

Hockey

The frosh hockey team dropped another game last week, losing to Governor Dummer Academy by a score of 8-1. MIT's lone goal was scored by Steve Queeney in a game that saw Governor Dummer jump off to a 5-0 lead in the first period. The loss, suffered at home, gives the team an early season's record of 0-3.

Squash

The squash team traveled to Wesleyan last Saturday, and lost their third match of the year. The Techmen were shut out 9-0, and their record is now 0-3. They will play Andover, Tabor Academy and Exeter before the inter-session.

Fencing

A very pleasant surprise was

provided by the freshman fencing team last Saturday as they won their first meet of the year. The team triumphed over Lenox School by a score of 16-11 at home.

On Deck

Today, January 15

Basketball (V)—Lowell, Home, 8:15 pm
Basketball (JV)—Dean Junior College, Home, 6:15 pm
Hockey (V)—Amherst, Away, 3:00 pm
Squash (F)—Andover, Away, 2:30 pm

Friday, January 17

Basketball (V)—Kings Point, Home, 8:15 pm
Basketball (F)—New Prep, Home, 6:15 pm
Hockey (V)—Bowdoin, Home, 7:15 pm

Saturday, January 18

Basketball (V)—Adelphi, Home, 8:15 pm
Basketball (F)—Adelphi, Home, 6:15 pm
Hockey (V)—Connecticut, Home, 5:00 pm
Pistol—Army, Away
Rifle—Nasson, Away
Squash (F)—Tabor Academy, Home, 2:00 pm

Racquet squad rallies, edges Wesleyan 5-4

The racquetmen scored a tight 5-4 victory at Wesleyan Saturday for their second victory of the season. Friday night the Techmen were routed by Yale, 8-1, at New Haven.

The squashmen came back from a 4-2 deficit to pull out the Wesleyan match. Wins were posted by captain Ted Cruise '64, Thomas Guillermo '65, Don Ward '65, Al Dinner '66, and Wayne Wilner '65. The victory over Wesleyan marks the highlight of the season thus far for the racquetmen.

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