

# The Tech

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The Board of Directors of THE TECH is pleased to announce the appointment of Kenneth F. Reinschmidt '60 of East Campus and Cincinnati, Ohio, to the Board as Business Manager.

## Security and Education

The Security Office at MIT is not included in the General Catalogue. It's hard to pinpoint the exact reason, but might it be a feeling that security systems and education are not complementary?

The predicament at MIT can probably best be described as a conflict between the desire to keep government sponsored research projects, and the talent associated with them, at MIT, and the desire to dissociate the idea of security measures from educational ideals. It is true that the investigative and classifying burden for security clearance has been removed from the realm of the universities. But the nature and the enforcement of security measures cannot be ignored.

The danger of a campus becoming dominated by security measures is probably slight. (But the opposite is true for the defense labs, like Lincoln.) Harvard, however, did choose to avoid the slightest possibility of interference of security measures with educational ideals. In the words of Vice-President William Harrell, "We wished to avoid a situation where the free interchange of ideas among members of the staff, engaged in open research and teaching, could not be carried out without interference by the security system."

The predominance of science and engineering at MIT seems to make a similar decision here almost impossible. President Killian must have realized the double importance of safeguarding the free interchange of ideas in such a situation. It wasn't long ago that he so well defended "unqualified freedom of thought and investigation" in loyalty cases at MIT.

In his statements of 1951, President Killian hit hard at something deeper than infringements on academic freedom. Ironically it was the same basic concept, thought control, which many people have come to associate with security and loyalty systems. Perhaps these are the sensitive people; and yet who can say that the hiding and suspicion of a security system that rewards concealment of ideas and legislates postfactum is devoted to unqualified freedom of thought and investigation?

—Jon Wigert

## college world

Home from school for Christmas we hear our fathers, full of Christmas spirit, vividly describe the days when college students were college students instead of the meek, book burdened, grind of today. He stumbles over tales of might at night, objects appearing in unusual places, sometimes pounding on jail doors. But then boys will be boys. Yes, father, the student of today doesn't carouse like he did in your day.

Not only do we not carouse, but we also refuse to be independent: so the commencement speakers told us. It's true. The college student of today is a serious grind. All he does is study. He doesn't even go to football games. Yet there is one BU student who recognizes the problem and poses the obvious solution: "Most schools today are known by the actions of their football teams. A team needs support and it's up to the students and faculty to provide it." Lamentably this student does not ride the bandwagon but

instead has been pitched into the crowd of parade watchers and has assumed the role of heckler. Another BU student concisely states the majority opinion: "Too much emphasis is placed upon the importance of this time-consuming sport. We are coming to college to get an education."

However, we can nationalize. Sociological studies have covered the college campus and have noted the great increase of children among college students. This significant increase of married students, so we are told, results from a basic insecurity in this highly charged world. At the same time this insecurity results in the more rapid maturation of the young men and women accounting for our devotion to the books and apparently the opposite sex if the statistics are correct.

This early maturity is evidenced in the college student's understanding his responsibility to this age. The modern college student has a real feeling for his responsibility—it is not the affirmative gushing of a young, feminine idealist infatuated with her white haired philosophy professor, nor is it merely a let's hit those books gang to be better prepared for our future jobs and responsibilities. This modern college student is now actively assuming his role and his responsibility in our critical age.

\* \* \* \* \*

Responding to the critical need for spies in our critical age the *Becker Journal* of Becker Junior College, a girls' school in Worcester, Massachusetts, announced in the front page of the newspaper, insuring everyone's awareness, "INTERVIEWS with the Central Intelligence Agency, Monday, November 3, 10 a.m."

\* \* \* \* \*

Shocked to discover that some students were neglecting one area of responsibility several University of Michigan students acted. Following the old axiom "It takes all kinds to make a world," three U of M students assumed their duty and became bookmakers. "Police Arraign U. of Michigan Bookmakers" screamed the headline in the *Daily Pennsylvanian*. "Two top-flight University of Michigan athletes and the associate sports editor of the Michigan daily newspaper were arraigned yesterday as members of a \$10,000-a-week football gambling ring." It takes all kinds to make a college world.

—Carl Swanson '60

## half notes

During this past summer, shortly before the Choral Society embarked on their European tour, they presented a concert at Kresge for the benefit of those of us who were blessed to be in blistering Boston. Featured on the program were several organ selections. We were fascinated, if not somewhat distracted, by the opening and closing of the wooden panels in the wall directly above the console. So we decided to investigate.

It seems that the Auditorium organ was given to the Institute by one Alvin Fuller, a former Governor of Massachusetts. The organ was built by the Holtkamp Organ Company of Cleveland, and tailored to the size, shape, and acoustical properties of Kresge. Although the organ has nearly 3,000 individual pipes, it is *not* considered huge—as organs go.

The pipes, which vary in length from 16 feet to six inches, are made of zinc, copper, pine, and an alloy of tin, zinc, and lead.

The organ is basically a wind instrument. An electrically driven fan (replacing the familiar bellows of a foot-operated "pump" organ) produces a reservoir of air under constant pressure which is allowed to pass through the various pipes at the control of the performer. Each pipe contains a reed, set into vibration by the column of air forced through the pipe. The pitch and quality is determined by the size, shape, and material of which the pipe is constructed. The varying tonal effects are produced by "stops"—a mechanical system of diverting the air through a particular set, or "rank," or combination of ranks, of pipes. Excluding electronic organs (Hammond and the like, whose sound is produced electronically), all organs operate similarly. Even during Bach's era, there was not much difference, save for the aforementioned bellows.

By the way, we discovered that the opening and closing panels above the organ served to muffle or louden still other ranks of pipes out of the audience's view. It's an open secret that there is another rank in the Little Theater. **QUARTER NOTES**

Very gratifying to see such a large and receptive crowd at last Saturday's Concert . . . After the concert, the Tech-tonians played at an informal dance in Baker House. At this their premiere, they displayed a strong potential. We'd like to hear them again—after a bit more practice . . . Last chance to purchase Humanities Series tickets. Call ext. 892 or visit 14-N-236 for further details . . . A free organ recital will be given by David C. Johnson this Sunday at the MIT Chapel. Time: 4 P.M. . . . Rumblyings of a joint MIT-Harvard Band Concert in March . . . Since this column tinkers with *all* aspects of music at MIT we would like to heartily recommend LSC's "The King and I" at Kresge, Friday, November 14th. We consider this to be some of Richard Rodgers' finest . . .

—Mort Achter

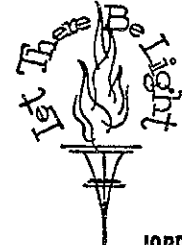
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Phyllis Curtin, soprano—Sun., March 1, 3:00 P.M.  
Ernst Levy, pianist—Sun., March 22, 3:00 P.M.

Remaining tickets \$7.50 (tax exempt) on sale at Music Office, Room 14-N236, until November 10 only. Any remaining single tickets on sale after Nov. 10.

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