



Tech photo by Simson L. Garfinkel

Construction work to widen Amherst Alley began last week.

## Caffeine may inhibit nicotine

By Amy S. Gorin

Caffeine inhibits some physiological responses to nicotine, an MIT research team has discovered.

According to the team's report, which will be published in the September issue of *Proceedings of the National Academy of Science*, adenosine (a substance found in tissues and blood) enhances nicotine's effect as a hypertensive (blood-pressure raising) agent. Caffeine inhibits the action of adenosine.

Reid W. von Borstel '78, one of the members of the research team, warned this information should not provide "a false sense of security. Caffeine may protect against nicotine's blood pressure-raising effects, but it will certainly not have a protective effect against many other potentially harmful effects of cigarette smoking" he explained.

Andrew A. Renshaw '85 and Professor Richard J. Wurtman are the other members of the research team, which is part of the Laboratory of Neuroendocrine Regulation in the Department of Nutrition and Food Science. The team discovered the caffeine-nicotine link accidentally, while studying the effects of adenosine on blood pressure regulation.

Injecting adenosine into rats causes their blood pressure and pulse rate to drop. The team hoped to determine adenosine's effects on the rat circulatory system, the amount needed to evoke a response, the amount naturally present, and whether naturally present adenosine acts as a blood pressure regulator.

To examine adenosine's regulatory effect, the blood pressure of a rat was artificially raised by electrical stimulation, injections of noradrenaline (similar to adrenaline), or injections of nicotine. The rat was then injected with adenosine. The researchers discovered adenosine dramatically enhanced the effects of nicotine, rather than inhibiting its effects as expected.

The team hypothesized that naturally present adenosine might also enhance the effects of nicotine. If so, nicotine would have less of an effect on blood pressure in the presence of an adenosine inhibitor, such as caffeine. The researchers found this to be true.

While no member of the scientific community yet understands why adenosine enhances the effects of nicotine, smokers may already unknowingly be using caffeine. (Please turn to page 2)

## Program aims at nitrous oxide users

By Diana ben-Aaron

Senior House residents are designing a pilot program to help combat drug abuse through peer support and internal referrals, Chief of Campus Police James Olivieri and Senior House president Stephen T. Lentz '86 said yesterday. The program is "targeted at nitrous but meant to cover all controlled substances" Lentz said.

Senior House housemasters S. Jay and Margaret Keyser have met with graduate tutors, house officers, and Campus Police twice to address the problem of nitrous oxide use, Olivieri said. A student living at Tau Epsilon Phi fraternity died from an overdose of nitrous oxide, five students were expelled from Senior House for nitrous oxide use, and two Senior House residents were arrested by Cambridge police for possession of the drug this spring, according to Olivieri.

The meetings produced a set of guidelines for an in-house drug policy, Olivieri said. "This dorm is particularly interested in the development of a workable, reasonable policy," he commented, noting that the guidelines could be "a good reference document for other dorms."

"The problem is, once an MIT employee — such as a tutor, house manager, or housemaster — sees a student taking drugs, MIT is liable for the student," Lentz said. He added that if the student who died last spring from an overdose of nitrous oxide had lived in a dorm and a tutor had known he was taking nitrous, MIT could have been sued.

On the other hand, Lentz noted, tutors live with students. "If they were policemen, it would be a pretty bad scene," he commented.

In its present draft form, the proposal calls for a written notice to the student from the Institute employee witnessing the drug use on the first offense. Subsequent offenses could result in expulsion from Senior House or the Institute House system, compulsory attendance at a drug education program, and/or Campus Police action. "We wanted to leave a variety of options available depending upon the specific case," Lentz said.

Dean for Student Affairs Shir-

ley McBay and other administrators in the Office of the Dean for Student Affairs will have to approve the policy before it takes effect, Lentz noted. The group hopes to have the policy ready for next semester, but the approval process may delay it until later, he said.

"If this flies, it will help the house to really consider on a peer-to-peer level what's going on in the house and how it will affect the whole house," Olivieri commented.

"This is an internal structure that will help house government deal with [Campus Police en-

forcement policy] internally and encourage the dorm to be partially self-policing," Olivieri explained.

Olivieri emphasized that the Campus Police enforcement policy would remain the same for all dorms. "There is a point where self-governing has to give way to the authority of policy," he said.

"The bottom line is, we will investigate whatever reports of nitrous oxide come to our attention by whatever means," said Olivieri. The Campus Police rely on "internal structure — housemasters, house managers, tutors, and students" for information, he ex-

plained.

"By investigation, we might mean making appropriate inquiries or calling the [suspect], or we might go knocking on his door if the information we have received seems fairly solid," Olivieri said. The police visit people either for discussion purposes or with a search warrant in hand, he emphasized. "We do not conduct illegal searches," he said.

Olivieri noted, however, that under the "plain view" clause in Massachusetts law, Campus Police can seize illegal drugs in plain view in a dormitory room or (Please turn to page 2)

## Kendall subway renovations close Main Street

By Christopher Y. Kim

The extension and modernization of the Kendall Square MBTA station has begun and will cost \$7,680,700, Cambridge director of traffic and parking George Teso announced. Following renovations, the station will be renamed Cambridge Center/MIT.

The current Kendall station will remain open throughout the

construction period. The station is expected to be completed in April 1986, according to Jim McGowan, the MBTA Construction Department project manager.

The reconstruction work will give the subway station a much-needed overhaul, MBTA officials said. Train platforms will be lengthened to handle the longer trains that the MBTA plans to

place in service by the end of 1986 when the Red Line will be in full operation between Alewife and Braintree.

The MBTA plans to extend each train by adding two additional cars compatible with the ones presently in use. "The six-car trains should reduce overcrowding and make travel on the Red Line considerably more convenient," said MBTA general

manager James F. O'Leary. While the Kendall platform is presently only long enough to accommodate four-car trains, other Red Line stations are already large enough for six-car trains, O'Leary noted.

The lengthening of the platforms allows the headhouses (subway entrances and exits) to be located a block closer to Central Square than the present stair-

(Please turn to page 2)

### Driving to the Medical Department

The road closings caused by subway construction in Kendall Square will limit access to the MIT Medical Department from Kendall Square, Jeff Rimpas of the Medical Department said. Drivers will no longer be able to turn right on Carleton or Hayward Streets, but will be able to turn right onto Ames Street and then left on Amherst Street to Carleton and Hayward Streets, Rimpas said. Alternatively, drivers can turn right onto Dock Street, next to the fire station, and drive through to Carleton Street, he added.

Access to the Medical Department from Memorial Drive will not be affected by the construction, Rimpas noted.



Remodeling of the Kendall Square subway station has closed a short stretch of Main Street.

Tech photo by Simson L. Garfinkel

## Researchers discover caffeine-nicotine link

(Continued from page 1)

feine to block adenosine's effects. The adenosine molecule is formed from adenosine-tri-phosphate in a reaction that provides fuel for the cell. It is released by the cell if cellular metabolism is impaired.

Adenosine binds to receptor sites on the surface of certain cells and in the brain, inducing a sedative effect, and possibly providing the brain with information about the energy levels of the body. It is thought that caffeine also binds to these sites, blocking the binding of adenosine, and

thereby producing a well known stimulating effect.

Nicotine-induced high blood pressure is caused by constriction of the blood vessels, which also causes a drop in the amount of oxygen available to the cell. Lack of oxygen stimulates the cell to release adenosine, which in turn enhances the effects of the nicotine, creating a positive feedback loop. The resulting downward spiral of energy levels can be broken by the ingestion of caffeine. Studies have shown that cigarette smokers do in fact drink more coffee than non-smokers.

## Traffic rerouted during Red Line renovations

(Continued from page 1)

ways. The former Glynn's Restaurant at Main and Carleton Streets is scheduled for early demolition and will be the site of a new headhouse for inbound (to Boston) MBTA riders. An identical headhouse will be constructed directly across Main Street in the Cambridge Center project area to provide access to the MBTA's outbound (to Harvard) station platform. Each new headhouse will include an escalator as well as an elevator for handicapped persons, according to the MBTA.

The new name will make it easier to tell MIT visitors at which station to disembark, McGowan said. The new name reflects the changing face of the Kendall Square area as construction begins on the Cambridge Center, a two million square foot, multiple-use redevelopment project, McGowan added. Cambridge Center will stand on land sold by MIT to the Cambridge Redevelopment Authority.

As a result of the station closing, the section of Main Street between Dock and Hayward Streets in the Kendall Square area was closed to vehicular traffic on June 13 and will remain closed until late 1985 or early 1986,

Teso said. During the Main Street closing, all traffic will be diverted to Broadway, he noted.

The sidewalk on the north side of the street is also closed, leaving only the south sidewalk available for pedestrians, Teso continued. When the project is completed, Main Street will become one-way for eastbound (into Boston) traffic, with special westbound bus and taxi lanes between Hayward and Ames Streets, he said.

## Drug policy

(Continued from page 1)

lounge they are visiting for other purposes and hold the residents of the room accountable for the illegal substances. "Under the law, the fact of illegality of possession makes it legal to seize," he observed.

"We hear stories, usually after the fact, that indicate that [nitrous oxide] is everywhere, in all the dorms," Olivieri said. There are records of nitrous oxide abuse at MIT since 1971 and the problem is widespread at other colleges and in the community, he added.

## Announcements

The National Endowment for the Humanities has announced a unique grants program for individuals under 21 to spend a summer carrying out their own non-credit humanities research projects. The **Younger Scholars Program** will award up to 100 grants nationally. Award recipients will be expected to work full-time for nine weeks during the summer of 1985, researching and writing a humanities paper under the close supervision of a humanities scholar. The application deadline is Sept. 15, 1984. For guidelines, write to Younger Scholars Guidelines CN, Rm. 426, The National Endowment for the Humanities, Washington, D.C. 20506

The **Peace Corps** is offering skill-training for programs utilizing the backgrounds of college graduates with mathematics and science minors. Peace Corps volunteers serve for two years. During their service they receive a generous living allowance, paid travel, training and health care. A post-service readjustment allowance of \$175 per month is paid to each volunteer. For information on Peace Corps service, call 223-6366 or 7366, or write PEACE CORPS, 1405 McCormack POCH, Boston, MA 02109

The **Jeffrey M. Frank Scholarship** for 1984-85 is currently available through the Combined Jewish Philanthropies. Preference will be given to Jewish students from the greater Boston area. Please contact Lucy Van der Wiel or Lisa Oteri in the Student Fi-

ancial Aid Office for further information. \* \* \* \*

U.S. Student Pugwash has prepared a directory of **Science in Society Internships** for students who are interested in summer experience with various aspects of how science affects society. A copy of the directory is available in the Placement Office, Room 12-170. For more information on the directory, contact Robin at x3-6466. \* \* \* \*

**International Student ID cards (ISIC)** are now available in the office of Career Services, Room 12-170. The ISIC can be an invaluable asset to the student who will be studying or travelling abroad. Foreign students holding F-1 visas are also eligible for the ISIC. For more information contact: Marianne Ciarlo, Foreign Studies Coordinator, Office of Career Services and Preprofessional Advising, Room 12-170, ext. 3-4735.

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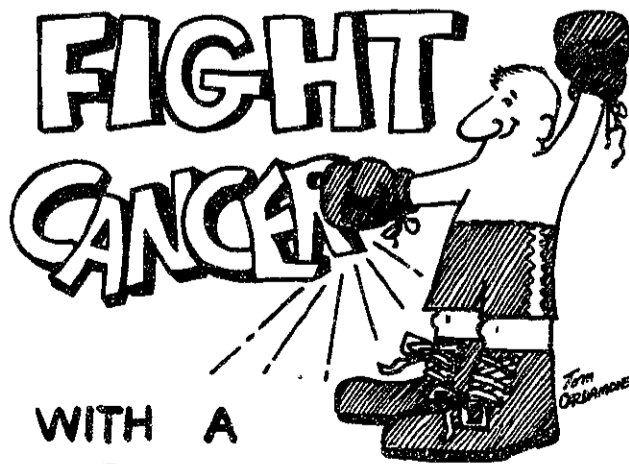
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# news roundup

## World

**Soviet Union offers, then rejects** — The Soviet government yesterday rejected Washington's acceptance of its Friday offer to participate in talks aimed at limiting space weaponry. The rejection was based on the White House's desire to link these discussions with a resumption of nuclear arms negotiations from which the Soviets walked out last November in Geneva. Western diplomats remain hopeful the arms limitation talks can proceed after more negotiations between the two superpowers.

**Iraq claims more naval hits** — Iraq claimed Sunday to have bombed and sunk five ships in the Persian Gulf, as well as downing one Iranian F-14 jet. Iraq and Iran have also renewed ground fighting in their four year-old war, which has so far claimed an estimated half-million lives.

**Lichtenstein grants vote to women** — In a referendum Sunday, the men of Lichtenstein voted 51.3 percent to 48.7 percent in favor of women's suffrage. The European constitutional monarchy is roughly the size of Washington, D.C. and has a population of 26,000.

## Nation

**NOW alerts Mondale** — National Organization for Women president Judy Goldsmith warned Sunday that there could be a floor fight at the upcoming Democratic convention if likely presidential nominee Walter F. Mondale chooses a male running mate. She also said that NOW expects Mondale to pledge to appoint a Cabinet at least half female, as well as to appoint a certain number of women to the Supreme Court. About 400 NOW members will be delegates or alternates at the San Francisco convention, which opens July 16.

## Local

**Harvard drops Fogg bridge plan** — Facing opposition from members of the Mid-Cambridge Neighborhood Association, Harvard has abandoned plans to construct an enclosed overhead bridge connecting the Fogg Museum and its recently constructed addition, the Arthur M. Sackler Museum. The proposed design, which would have crossed Broadway, featured a large round window in its center described by City Councillor David E. Sullivan as "a Cyclops staring at the neighborhood."

**Andy's Chili marks five years at MIT** — Tomorrow will mark the fifth anniversary of the arrival of Andy and his chili cart at MIT. Andy was expelled from the Charles River Esplanade during Independence Day festivities in 1979, after which he crossed the Charles in search of a place to rest his weary dogs.

## Weather

**Hot, more chances for showers** — Today and tonight will be clear to partly cloudy, warm and humid, with highs 86-90, and lows in the high 60s. Tomorrow will be sunny and hot with highs 88-92. There is a slight chance of thundershowers both tonight and tomorrow evening.

V. Michael Bove and Scott I. Chase

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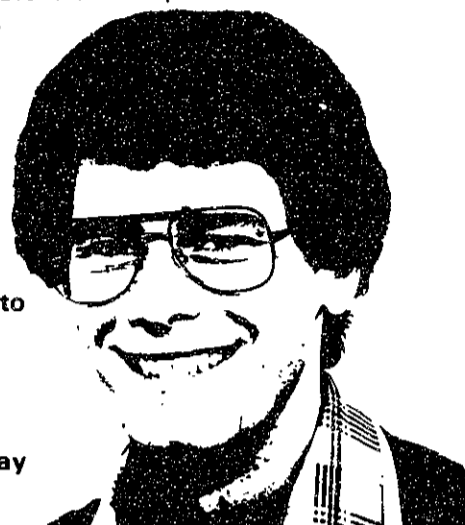
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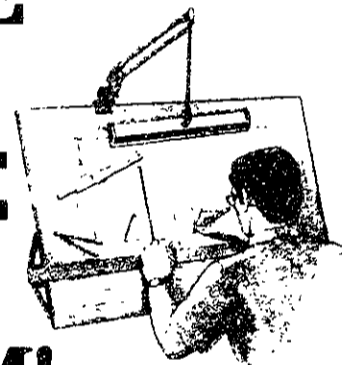
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# opinion

## Column/Diana ben-Aaron MBTA renovation no primrose path

The MBTA closed the old Harvard Square subway station on March 24, 1979. That day, T passengers were deluged by copies of a little red brochure entitled "March 24: Don't get caught by surprise" (these days, it would say "Don't Panic"), detailing the plans and rationale for the Red Line Extension and explaining the interim rerouting of traffic.

There are three pictures inside the brochure. One is an engraving of the Harvard Square subway kiosk in 1912 when it was built: a round, bandstand-like pavilion. Another is a drawing of the kiosk in 1928, covered by the vaulted roof that was its trademark until 1979 and will soon be part of the Out of Town newsstand. The last, dated 1982, is a photograph of an architect's model of Harvard Square, in which the station appears as an unassuming glass-roofed box in the middle of a patio.

According to the brochure, construction would be finished and the Red Line extension would open "in the autumn of 1982. Eventually, Harvard Square will have spacious pedestrian plazas and wider sidewalks; there will be trees, benches, and new lighting. With less traffic, the air will be cleaner. The result will be a more pleasant place to work and shop."

The T's public-relations prose continued: "Two things will not happen. One, the existing Red Line station will not be closed . . . Instead, for the next year and a half, both Harvard Station and the new Harvard/Brattle station will be open. Two, construction will not [emphasis theirs] disrupt Harvard Square during weekday rush hours, 7-9 a.m.

and 4-6 p.m."

Anyone who's looked at Harvard Square over the last few years knows construction wasn't finished in 1982. Anyone who's looked at Square this week knows it won't be finished for many months more. Anyone who regularly takes the Red Line knows the two-stations-for-the-price-of-one offer didn't hold except for about a year and a half beginning in 1981. Anyone who ever goes anywhere near Cambridge knows that, while construction may not actually be going on during weekday rush hours, it manages to disrupt lives and traffic for miles around very efficiently anyway.

When Harvard's class of 1983 graduated, their campus press remarked what a pity it was that they would remember only construction when they thought of Harvard Square. They had never seen it any other way. Now another class has left under the same conditions, and it will be at least 1990 before memories of pile drivers and cement mixers are completely exorcised.

Last month, construction began in Kendall Square. Streets have been blocked, heavy machinery is moving in, and innocent brick buildings are being readied for the wrecker's ball. MBTA officials have announced that all renovations should be completed by early 1986.

The class of 1988 will arrive here in September, most of them by a detour around Kendall Square. If the T's deadline record is anything to go on, they will leave by the same detour, bearing neither memories of what Kendall Square once was nor visions of what it is designed to become.



Column/Simson L. Garfinkel

## Yes, you can fight Tech Square

I'm not sure how many people saw it, but flying over Killian Court during Commencement was a small airplane carrying a banner reading "MIT OUT OF CAMBRIDGEPORT."

At the time, I simply dismissed it as the ravings of the uninformed fighting back against the trappings of the growing technological age. I have seen their leaflets and read their propaganda. These are the people who demand MIT build low-income housing rather than lucrative luxury office buildings on the Simplex land.

The Simplex land is north and west of the Dupont gym. It used to be used by a factory named Simplex, but now that Simplex has gone out of business, the property is available for use by the Institute. MIT wants to build office buildings and luxury housing for Institute guests, while various community groups want low-income housing built on the site. These community groups feel that MIT should be providing welfare to the low-income households of Cambridge. These groups are wrong; welfare is not the job of private organizations, but the job of the government.

But it seemed that many residents of Cambridge didn't just want low-cost housing; they wanted to keep out the high-tech companies and their buildings. We've all seen these "high-tech" buildings: Tech Square, Draper, E40. Buildings with smooth facades and smoked glass windows that don't open. Whether these buildings are beautiful or not is

still a matter to be debated, but they house and represent a technology which I felt was only beneficial to the region.

Clearly, the biting edge of technology required space, and Cambridge, thanks to MIT and Harvard, was that space. Couldn't these people see all the money that we, the members of the technological elite, were bringing to the area? Couldn't they see with their twisted minds how much we were benefiting them? All they had to do was to look at Cambridge Center, or Tech Square, or MIT itself, to see what we had done. Could there be a better way to rejuvenate the area?

I felt this way when I applied and came to MIT. Living and working here reinforced my attitudes. But now, when I think of the thousands of people who leave this place every year with this attitude implanted and strengthened in them, I'm not quite sure that we are doing the right thing. Perhaps some moderation is called for.

I started to see things differently a few weeks ago when I was walking back to the Institute from Inman Square for the first time. I was walking past houses. These houses were each a little different, most with some grass on the sides and in front, though some were built up to the sidewalk. Some of them were very old, and some of them were not so old. But they all looked like homes.

They weren't townhouses, built identically and in long strips as if they had been extruded from a high-pressure hydraulic press.

Nor were they high-rise apartment buildings where people were piled atop each other as high as the building code and the capital of the developer permitted. No, the houses near Inman Square were more casual than that, from a simpler time.

These homes made me think of my home, the place that I left behind, in Haverford, Pennsylvania. A house in a neighborhood where the buildings and the trees coexisted, complementing each other. The place I grew up.

But by the time I realized this, walking down Broadway, I could see Draper Labs in the distance, and Tech Square on my right. There was new construction going up across the street from Draper — though it was far from finished, it looked like the beginnings of Draper II. A skeleton of a bridge connecting the two buildings had already been built across Broadway.

As I walked back to MIT through Tech Square, I saw hundreds of Yuppies, many of whom were trying not to look like Yuppies, each with a little security tag. It was as if they all belonged to a prestigious club and they wanted to be able to tell the members from the non-members outside the clubhouse.

We live in a strange and wondrous world. But perhaps we should learn more about it before we go about striking out and changing everything in sight. I am now certain that security tags, buildings with windows that don't open and "us versus them" attitudes are steps in the wrong direction.

# The Tech

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# Synthetic sound does not a record make

**Night-Lines**, Dave Grusin on GRP Records.

Chances are, you have already heard David Grusin's music. Grusin wrote the theme for the TV show "St. Elsewhere," and the score for the movie *Racing with the Moon*. *Night-Lines*, his latest album, features these works and more.

Grusin's music could be described as light-jazz or mellow-rock, as it borrows from both genres. Tracks on *Night-Lines* alternate between instrumental and vocal selections, making it appear very uneven as a total work. But this alternation may be a good thing for the record; without it, the instrumental selections would tend to blend together into twenty minutes of background music. Spread out across the record the instrumentals give the listener an introduction to and a rest from the vocal cuts. Besides, the instrumentals aren't really strong enough to stand on their

own. They are subtly benign, suitable as a background for reading or talking, but not particularly interesting to listen to.

The instrumentals are also necessary to make the vocal selections as painless as possible. Although good singers, including Phoebe Snow, Randy Goodrum and Dave Loggins, were assembled for the album, something gets lost along the way. The lyrics are not worthy of the vocalists, and the result is a collection of silly, pointless songs with about as much depth as the supporting music. One song, "Somewhere Between Old and New York," could come close to involving the listener, if the writer were to put more work into it. Instead, it simply repeats the chorus over and over. The other songs fare even worse.

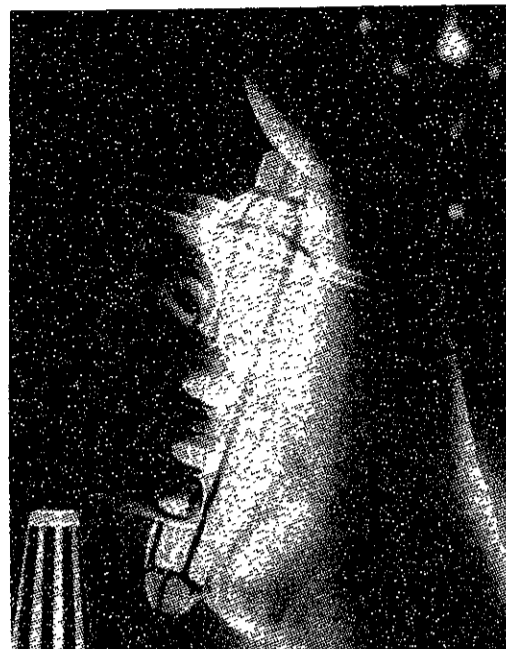
All the cuts on the album feature Grusin's highly synthesized music — digital and analog synthesizers (including a Linn drum computer), electronic and acoustic

keyboards dominate the music. While it's possible to generate a wide variety of sounds with this new technology, it tends to drown out the "real" instruments. Though David Sanborn's saxophone and Buddy Williams's drums are in the background, the listener is hard pressed to find them in the midst of *Night-Lines*' synthesized electro-wizardry.

Technically, the album is well-produced using the very latest 32-track digital recording technology. It is available on vinyl and on Compact Disc, both cut from the same digital master. Noise has been kept to a very low level on the vinyl record and should be completely absent from the Compact Disc. Unfortunately, the record was printed on very flimsy vinyl, perhaps to promote the sale of the Compact Disc, which is nearly twice as expensive.

Simson L. Garfinkel

## ARTS ARTS



# Two movies that make Pacman look like a video game

**Ghostbusters**, Columbia Pictures, produced and directed by Ivan Reitman, starring Bill Murray, Dan Aykroyd and Sigourney Weaver, rated PG

New York City is in trouble . . . big trouble. You see, it's haunted. Luckily for the unsuspecting citizens, however, three parapsychologists have been bounced from academia into the cold, cruel "real world," and decided to set up shop on their own as professional ghost catchers, or, if you will, *ghostbusters*. The plot follows a reasonably predictable course from there and basically serves as a backdrop to support some superb comedic dialogue, delivered mostly by Bill Murray.

*Ghostbusters* is made for the talents of Murray and Dan Aykroyd, who are finely supported in this film by Harold Ramis, of *Stripes* fame, and Sigourney Weaver, who co-starred in *Alien*. Add to this group some excellent special effects and the result is a wild, fun ride through the world of ghosts, vapors and spirits.

My main quarrels with the film are the needless twisting and turning of the plot and the uneven direction by Ivan Reitman. *Ghostbusters* starts off with a lot of action, but quickly bogs down. One begins to wonder where the movie is headed. For example, we're introduced to a fourth "ghostbuster" who is apparently needed because the workload of the ghostbusting company is becoming too great. However, the character is poorly developed and we are left wondering why he was introduced into the film at all, or, on the other hand, why he wasn't given a bigger role.

The treatment of the fourth ghostbuster is symptomatic of a problem throughout the film: characters are introduced and never allowed to develop. Along the same line, Dan Aykroyd and Harold Ramis could have been allowed to come through a bit more.

Sitting in the theater, one gets the impression that a couple of people got together and wrote a bunch of slick one-liners for the stars to deliver, and then wrote a movie around those lines. Fortunately, the point of this film is not the movement or direction of the plot, or the depth of the characters; it is to provide a showcase for Bill Murray and Dan Aykroyd. The movie will surely please most fans of *Saturday Night Live*, and wins a place as one of the best releases of the summer.

Anne Prince

**Gremlins**, produced by Steven Spielberg, Frank Marshall and Kathleen Kennedy, directed by Joe Dante, starring Zach Galligan, Phoebe Cates, Hoyt Axton, Polly Holliday and Francis Lee McCain

If anyone gives you a "mugway" (a cute, cuddly teddy-bear-like creature), remember these three rules when caring for it: don't shine bright lights on it, don't get it wet, and don't feed it after midnight.

*Gremlins* is the story of Billy, the standard all-American teenager, and what happens to his family, not to mention his hometown, after he receives a mugway just before Christmas.

During the course of the movie, Billy breaks all the rules, spends a good deal of time trying to undo the damage, and almost loses his life in the process. The plot of *Gremlins* will probably remind you of other movies you've seen.

The stars' performances are mediocre. I was intrigued by Francis Lee McCain's portrayal of Billy's mother; the hard glint in her eye as she tosses one evil gremlin into a food processor, and another into a microwave oven, made me believe she fought gremlins in her kitchen every day. Unfortunately, her role was peripheral.

Zach Galligan, who portrays Billy, and Phoebe Cates, as Billy's girlfriend, are one-dimensional and sappy. I wish someone as talented as Spielberg would come up with interesting teenagers for a change.

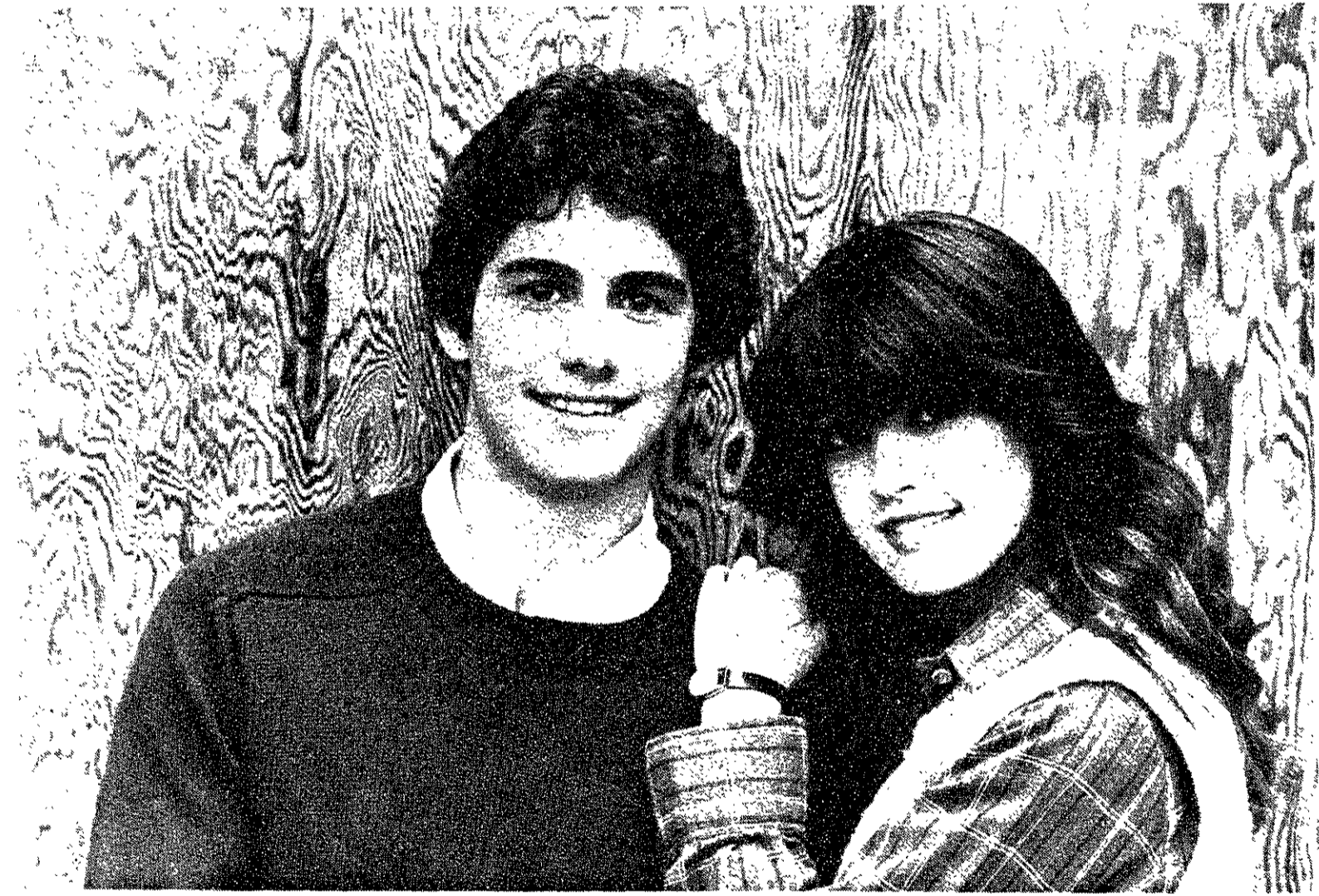
The most striking aspect of *Gremlins* is the contrast between what one imagines the film to be, based on commercial plugs, and what the film actually is. If you are expecting something similar to Spielberg's previous works, such as *E.T.*, or *Close Encounters of the Third Kind*, forget it. There are graphic scenes of violence. Par-

ents would be well advised to take the PG rating of *Gremlins* seriously.

*Gremlins* could be described with one word: merchandising. It disturbs me that the promoters of *Gremlins* take such pains to target the younger audience in their advertising campaign for this film, and then fail to deliver something truly suitable for them. The purpose of this movie is to sell T-shirts. While one cannot underestimate the lure of producing a movie that will sell products to children later, the ethics of such a production are questionable.

*Gremlins* does have its cute moments, but it also contains some pretty violent material. Most people will enjoy the film, though I for one am getting tired of rehashing the "boy saves town" plot. I had hoped for better from Steven Spielberg, but I suppose we will have to wait until next time.

Anne Prince



## ON THE TOWN July 3

The Boston Pops will present a concert on the Charles River Esplanade at 8 p.m. tonight, featuring the traditional July Fourth performance of Tchaikovsky's 1812 Overture. 266-1492

### July 4

Repeat performance of the Boston Pops July 3 concert. See listing above.

### July 6

SCC presents Rocky III in Lobdell at 9 p.m. or dark, whichever is later. Free.

For a change from SCC, try the French Library's *Le Million (The Million)*, directed by Rene Clair, 1931, 89 min. Repeat performances July 7 and 8. 8 p.m., 53 Marlborough St. \$2.50 for non-members/\$1.50 for members. 266-4351

## ON THE TOWN July 11

Next Time You See Me II: Go in' to the City, a program of black music and the cities starring folk musicians of the National Center of Afro-American Artists. At the Museum of Fine Arts, 465 Huntington Ave. Concert begins at 7:30 p.m., outdoor suppers and beverages available at 6 p.m. in the courtyard. 267-9300

SCC presents *Private Benjamin* in Lobdell at 9 p.m. or dark, whichever is later. The movie is free.

### July 12

Galapagos: Darwin's Enchanted Islands, lecture and discussion hosted by Peg Estey, Director of Scientific and Technical Illustration at the Rhode Island School of Design. At the New England Aquarium Auditorium, 7 p.m. Free. 742-8830

## ON THE TOWN July 13

Jazz in Exile, a jazz film at the Museum of Fine Arts, 465 Huntington Ave., Boston. Performances and interviews with American musicians living in Europe, including Freddie Hubbard, Gato Barbieri, Art Farmer, and others. Also *Tapdancin'*, featuring two dozen performers including John Bubbles and Chuck Green. 7:30 p.m. 267-9300

LSC's flicks tonight are *Friday the 13th* at 7 p.m. and *The Omen* at 9:15 p.m. in 10-250. Admission \$1.00.

## July 14 Happy Bastille Day!

Celebrate Bastille day at the French Library in Boston. Marlborough Street will be bursting with color, sound, and life as

## ON THE TOWN

the Library transforms the block between Berkeley and Clarendon for its street dance under the stars. Eating, drinking, singing and dancing start at 6 p.m. 266-4351

The French Library's special Bastille Day film will be *A Nous La Liberte (Liberty for all)*. Made in 1931 and inspired by Chaplin's film *Modern Times*, 95 min. Repeat performance July 15. \$2.50 for non-members/\$1.50 for members. 8 p.m., 53 Marlborough Street, Boston. 266-4351

If you decide to bag Bastille Day, you could see LSC's presentation of the comedy *Young Doctors in Love*. 8 p.m. in 10-250. Admission \$1.00.

Simson L. Garfinkel

# Fireworks in the East and West

**Boston Symphony Orchestra, conducted by Seiji Ozawa, in concert at Tanglewood, Sunday, July 1.**

**Banchetto Musicale, at the New England Aquarium, Sunday, July 1.**

The Boston Symphony Orchestra opened their 1984 season at Tanglewood with an all-Beethoven program under conductor Seiji Ozawa.

The first work, Beethoven's *Piano Concerto No. 2*, came across patchy at best; dynamics seemed constrained and strings lapsed into extended passages of blandness. The performance was not, however, without its moments: soloist Rudolf Serkin's deeply introspective rendition of the first movement cadenza was an exercise in pure beauty. And the second movement was not lacking in pathos. But a scrappy run into the third movement heralded an unsatisfying *finale*.

A charming opening augured well for Beethoven's *Symphony No. 1*. Carefree playfulness between sections of the orchestra led us easily from one passage to the next; the naive enthusiasm of the performance suggested touches of Mozart.

If Beethoven's First Symphony looks back to a classical era as well as forward to a new age, his *Choral Fantasia in C minor*, composed eight years later in 1808, shows us the quintessential Beethoven. There are pointers throughout the Fantasia towards the Ninth Symphony, and the Boston Symphony grasped at these while giving the work a refreshing identity of its own.

Building up from the small to the grand, balance and coordination are all-important and the Tanglewood audience was provided with an elating development of brilliance. From a little rumble on the basses to a light and wonderful flute rep-

etition of a melody reminiscent of Papageno we were thrust headlong into the ecstatic light of the heavens: Rudolf Serkin in firm command of the piano part was in fine balance with an orchestra propelled by a relentless drive to joy, that end attained on the pronouncement of the words *Götter-Gunst* (divine favor) by the Tanglewood Festival Chorus, under John Oliver, in top form and further glorified by the rhythmic push of an inspired BSO.

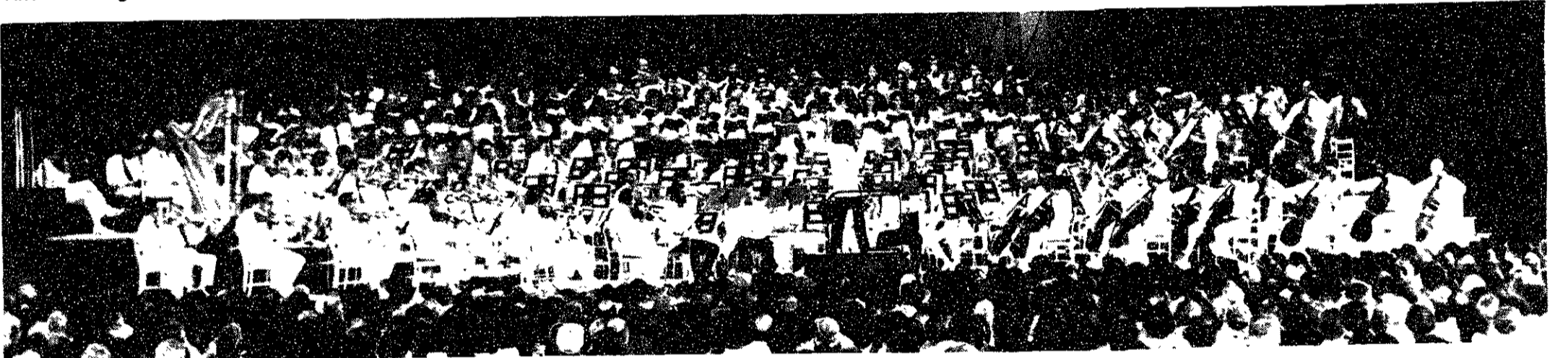
If it's evening and it's July 1 it's time for fireworks over Boston Harbor, and *Banchetto Musicale* this year provided the accompaniment. Neither Handel's *Concerto Grosso in G*, Opus 6, No. 1 nor the *Water Music Suite in F* which preceded the fireworks worked at all well: the amplification necessary to reach the large open-air crowd was poorly done, making the ensemble sound tinny and thin. String playing was not at all times of the elegance we have come to expect of *Banchetto*, and there were definite problems in the horns.

But the *Fireworks Music* itself was played with great verve and poise: majestic, regal from start to finish, and synchronized with an astounding fireworks display, it showed *Banchetto* and Boston at their best.

*The Tanglewood Festival continues through August 26 in Lenox, Mass., a bit over two hours away on the Mass Pike. Of special interest to the MIT community is the July 29 concert at which Professor Harbison's Symphony No. 1, commissioned by the Boston Symphony Orchestra for its centennial, will be performed.*

*Banchetto Musicale will perform works of Bach, Telemann and Mozart on July 8 at the DeCordova Museum in Lincoln.*

Jonathan Richmond



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Tuesday November 15 1983

## The Tech

Volume 103 Number 50

### Cambridge voters turn down nuclear ban

Opposed by close to 60 percent of city voters

MIT  
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Massachusetts

Tuesday November 22 1983

## The Tech

Volume 103 Number 52

### Hope dismissed after 11 years as dean

McBay and Simonides both refuse comment

MIT  
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Tuesday May 1, 1984

## The Tech

Volume 104, Number 21

### Richardson retires after 20 years in Admissions Office

MIT  
Cambridge  
Massachusetts

Friday, May 11, 1984

## The Tech

Volume 104, Number 24

### Class of '83 president charged in theft

Dumas admits to stealing \$35,000 from SCC

By Kenneth E. Dumas '83

**LSC will show adult movie**

By James M. Kawa

By Kenneth E. Dumas '83

**Class of '83 president charged in theft**

Dumas admits to stealing \$35,000 from SCC

By Kenneth E. Dumas '83

**Class of '83 president charged in theft**

Dumas admits to stealing \$35,000 from SCC

# sports

Column/Robert E. Malchman

## The Ivy League goes Public TV

*News item: In the wake of the Supreme Court's ruling prohibiting the NCAA's exclusive television contract, the Ivy League announced it has signed with the Public Broadcasting System to televise its football games.*

"Good evening, and welcome to Masterpiece Football. I am your host, Alistair Cooke. Tonight: week six of *Ivy League Revisited*.

"Last week, you will recall, the heroic anti-heroes from Providence overcame the roaring upstart Tigers of Princeton, the cagey Lions of Gotham put the proverbial bite on a shaky Quaker squad from Pennsylvania, the New Haven lads left their Cambridge opponents Crimson-faced, and Cornell's Big Red and Dartmouth's Big Green settled for a medium brown in a scoreless tie.

"That brings us to tonight's action, as the lads from Up Chuck River attempt to defoliate Big Green. My associates for tonight's contest are the learned William F. Buckley Jr. and Mr. Rogers."

"Thank you, Alistair, let me . . . ah . . . say that it is a distinct and singularly gratifying occasion to be allowed to work with you and Mr. Rogers."

"Thanks, Mr. Cooke and Mr. Buckley Jr., and good evening boys and girls. I'd like to welcome you to the neighborhood. It's not my neighborhood, it's the neighborhood of Harvard University. This is a lot like the Land of Make-Believe, though. Can you say 'Preppie sissy-boy?' I thought you could."

"Ah-hem, ah, Mr. Rogers, I hope you do not . . . ah . . . mean to infer that the beneficiary of a private secondary school education can even remotely be construed as less adept at the masculine arts than a common product of public education, indeed that such aforementioned beneficiaries are, as you might quaintly put, 'wimps?'"

"What?"

"During the past week, the young men of New Hampshire have descended unto the civilized town of Cambridge in a time of revelry. Chief among the pursuits of the boys has long been the so-called 'greening' of John Harvard.

"In this time-honored custom, the lads cover the statue of their rival's first benefactor in the Dartmouth school color. The aftermath of this year's staturary painting produced only two serious concussions, one suffered by a representative of each school."

"Oh my, boys and girls. As King Friday XIII learned when he tried to suppress land reform in the Land of Make-Believe, violence is never a good choice. It just hurts too many people. Can you say 'tort claim?' I knew you could."

"One . . . ah . . . could probably make the case that the Harvard students sought to enlighten their visitors to the hue of the host school's colors through the intercourse of the visitors' crania with the locals' cudgels."

"What?"

"Big Green represents the freshness and excitement that is youth. In this game the lads will confront the giant of Crimson, long master over the Ivy fiefdom.

"The giant has been bloodied, however. After an unexcusable start, it has fallen last week to the Eli's and the week before that to the lowly Bruins, who can

thank the quality for which their city is named more than they can their feeble running game."

"I can't agree with you more, ah . . . Alistair. Last week's struggle between Harvard and Yale was truly one worthy of God and man at any university."

"That's right, boys and girls, tonight we have a game — you like games, don't you — that should be very good. These two teams do not like each other and want to mash the other up into hamburger, just like Lady Elaine Fairchild liked to watch in those films I showed you before they switched me to Masterpiece Football. Can you say 'snuff show?' I thought you could."

"The squad from . . . ah . . . Dartmouth proffers a facade of casual inebriation, a veneer of Bacchanalian boorishness. The . . . ah . . . truth is a far cry from this simplistic inference: The men from Hanover are a patriotic, forthright squad, featuring a conservative ground game and an oppressive defense that muffles all opposition — a team veritably deserving the respect of all good Americans."

"The Harvard . . . ah . . . team, overrated, suffers, as do all liberal, permissive teams, from pie-in-the-sky pre-season expectations. Their extravagant offense and soft defensive posture will surely bring upon the Crimson the same indecision, disgrace and shame which befell a previous Democratic administration."

"We've all been ashamed, haven't we boys and girls? Everyone feels embarrassed once in a while. But King Friday learned it doesn't matter if you wet the bed, or talk to puppets, or take some of the boys and girls home to play house after the show. It's only important if your contract doesn't still have three years to run. Can you say 'good agent?' I knew you could."

"With that in mind, ladies and gentlemen, here now Masterpiece Football's week six of *Ivy League Revisited*, but first a pause for messages from the Ford Foundation, because even intellectuals have to eat, and from the Xerox Corporation, the one copier to have, when you're making more than one."

**Babies Don't Thrive in Smoke-filled Wombs**



**When You're Pregnant, Don't Smoke!**

This space donated by The Tech



## It Isn't Often . . . .

that the metropolitan papers print news of Technology. The three thousand students and scores of professors of the Institute depend on



the official undergraduate newspaper to furnish them with all the happenings of a busy school. In all fields, scholastic extra-curricular, social, sports, and general news, THE TECH continues to present the latest and most interesting occurrences of the day. Accuracy and good taste govern all of its columns. No wonder that it stands today among the foremost of student activities, "written by Technology students, of Technology students, for Technology students."

Here is an opportunity to join an activity that has already earned a distinguished place in the life of the Institute. Here is an opportunity to make contacts with all important members of undergraduate life, as a member of the newspaper staff.

It's still true, just as it was fifty years ago when this advertisement first appeared. Today, *The Tech* welcomes both undergraduate and graduate students to its staff, and provides the opportunity to learn (and practice) journalism, graphic design, and photography. The summer is a somewhat more relaxed time in *The Tech* office, and a great time to join MIT's oldest and most-respected student activity. Positions are available in all departments.