

# Gray joins urban group; looks back on city job Aid Office seeks US funds

(continued from page 1)

ments have been strengthened during his tenure—a fact which should have implications when the City Manager decides what will be the new structure and purpose of the Office of Community Development.

Leaving with the hope that he has left a solid base for his successor, Gray declares that his commitment has always been to the goal of citizen participation in the affairs that involve them. "Without large-scale citizen involvement, community development is nothing."

Gray promises that he and his

colleagues will work closely with the City Manager over the next three months in determining the future of the Community Development Office.

During the past few years, Gray's office had been in the forefront of Cambridge's fight to avoid the construction of the Inner Belt highway through residential sections of the city. With his usually flamboyant manner and his image as one who is sincerely involved with the problems of the citizens, Gray became one of the most popular and respected officials in the city government.

Part of the current squeeze in aid funds results from the fact that the Technology Loan Fund, long the source of low interest student loans, is completely lent. This means that the only funds available from this source will come from repayments by students who have already graduated. In addition, Congress has cut the funds requested by universities and colleges for student aid under the National Defense Education Act by 40%.

#### New Programs

To offset these losses, the Student Aid Office is looking to two other federal programs, the

College Work-Study program and the Guaranteed Loan Program. Under Work-Study, the federal government will pay 80% of a student's wages in a variety of jobs. This will make it possible for many organizations to hire students which previously could not afford to do so. It is intended that these jobs will be of intrinsic interest to students; thus, students working under this program might work in laboratories or in tutoring programs.

Under the Guaranteed Loan Program, the federal government guarantees the repayment of

loans which students take from private lending institutions. Recently, interest rates have become so high that lending institutions have refused to lend to students even at the statutory maximum set for the GLP program. Accordingly, Congress recently agreed to provide a premium for lenders who participate in the program, so more aid should be forthcoming from this source.

#### Federal control?

Since these are federal programs, there is a possibility that riders relating to student disorders may be attached, thus opening MIT to additional federal control. When asked about this possibility, Gallagher said that he "expects that there will be a good deal of discussion about riders," and that any that are finally passed "may be more severe than last year's." He noted that thus far, Congress has left decisions concerning fund cutoffs in the hands of the institutions, although some hard-liners in Congress would prefer to require institutions by law to withdraw funds from students under certain circumstances. Gallagher concluded that the nature of any riders man depend upon the state of campuses at the time that the various programs are considered by Congress.

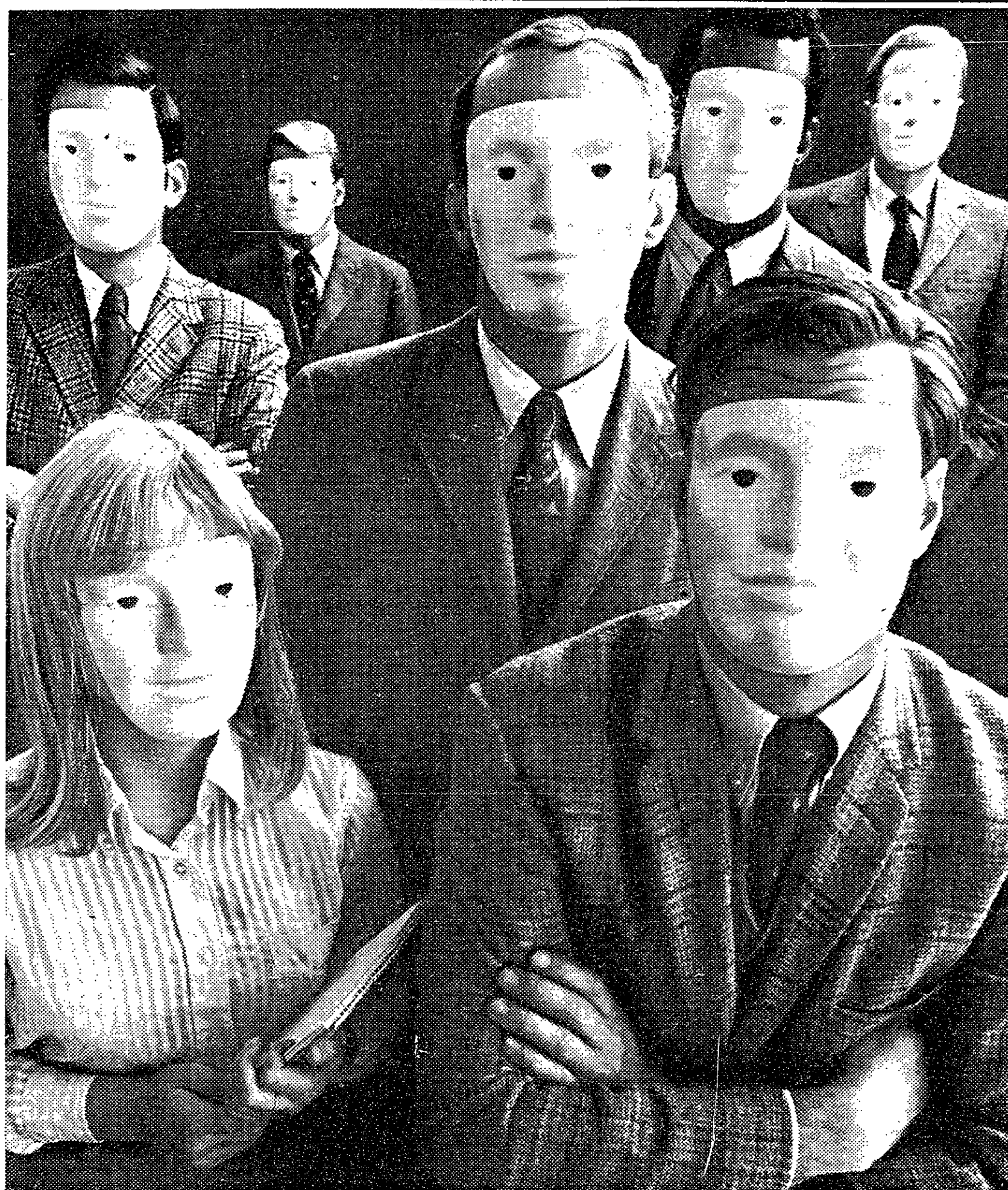
## 3 HERE WILL TEST LUNAR SPECIMENS

(Continued from page 1)

While there are probably no hydrous minerals in the surface samples, their presence at greater depths in the moon could make difficult the interpretation of seismic records received from the moon. In fact, most of the information that the MIT group will collect is expected to be useful in the study of these records.

The experiments themselves range in complexity from microscopic examination for hydrous minerals to the measurement of the thermal expansion of individual atoms by means of X-ray diffraction. The thermal conductivity of the rocks will be determined by attaching a pair of copper plates to the sample and measuring the energy required to maintain a constant temperature gradient across the sample. A dilatometer will be used to measure the expansion and contraction of the rocks as they are heated and cooled. Seismic velocities will be measured with transducers to determine the time required for the transmission of seismic waves through the samples. Since the velocity depends only on the frequency of the waves and the nature of the material that they are passing through, this information will be of great use in the study of lunar seismographs.

Hurley will be working on experiments aimed at producing more accurate age estimates of the lunar material. Primarily he will be studying the amounts of radioactive rubidium and strontium 87 in order to make age estimates based on their respective proportions in the samples.



## Do you have to give up your identity to make it in a big corporation?

You've heard the stories:  
One big corporation forbids you to wear anything but white shirts.  
Another says it wants you to be "creative"—and gives you a 4-pound rule book telling you exactly how to do it.  
Yet another doesn't want you to buy a more expensive car than your boss because "it wouldn't look right!"  
Is this really happening in America's business?  
Have companies become so rigid and

fossilized that they're scared of people who don't fit the "norm"?  
Not this company.  
We are not hung up on trivia like that.  
The advances General Telephone & Electronics has made didn't come from people hiding behind organization charts and smiling at the right time.  
They came from people who used their brains:  
People who revolutionized picture-taking with the Sylvania flashcube,

who developed the high-energy liquid laser, who came up with the sharpest color TV picture in the world, who pioneered instant electronic stock market quotations, and so on.  
We are looking for more people like this—people who aren't afraid to stand up and try themselves out.  
We are an equal opportunity employer:  
All you need to make it with us is a good head on your shoulders.

## General Telephone & Electronics

Sylvania Electric Products • Lenkurt Electric • Automatic Electric • Telephone Companies in 34 States • General Telephone Directory Company • General Telephone & Electronics Laboratories  
General Telephone & Electronics International • GT&E Data Services • GT&E Communications

Episcopal Chaplain  
Rev. John Crocker  
is new on campus; wants to meet  
any Episcopalians  
who want to meet him.  
11 am Sunday Worship  
at MIT Chapel  
Office: 312 Memorial Drive,  
Ext. 2983.  
Home: 62 Foster St., Cambridge  
(Other side of Harvard Square)  
491-8741.  
Call or drop in any time. Write or call  
if you want to be on my mailing list.