**$300 tuition rise predicted**

By Dave Simon

Next year's tuition increase will push by far the tuition level of $200 to $300, according to Chancellor Paul Gray '54.

The final decision on the tuition increase will be made next spring, Gray said, after "we have found out which scenario, as far as it is now, is the correct one." Gray expressed concern over the financial situation of the Institute. He said that MIT had hoped this year to eliminate the use of portions of the endowment (permanent funds of the Institute) to balance the budget, but that the budget deficits last year were several million dollars larger than had originally been expected.

In an effort to increase the amount of operating funds available to the Institute, MIT last year increased the size of its freshman class from about 1050 students to 1150 students. MIT hopes within the next several years to eventually raise the freshman class size to around 1350 students.

MIT also launched a $225 million Leadership Fund Campaign last spring in an effort to increase its endowment. So far the fund drive has only raised $68 million, but, according to Gray, this is because last spring and summer were used to organize the campaign. The fund drive is expected to stretch out over a period of five years.

The drive is MIT's third since World War II, following the Mid-Century Drive in 1950 and the Second Century Fund, launched the completion of MIT's centennial in 1961. Both of these drives exceeded their targets of $20 million and $60 million respectively by large amounts. Gray also expressed concern that "as the prices of private college housing go up, the cost of public institutions, schools such as MIT will become the greater problem for the rich, or the Institute will have to lower its standards."

**New House funding uncertain**

By Gerald Radack

Planning has stopped on proposed extensions to the Institute housing system because of difficulties encountered in financing the new west campus dormitory.

Director of Finance John Curry said that the administration delayed permanent financing of the New House because of the uncertain rate on the tax-exempt bond market, now 8 per cent, which he blamed on the "New York City fiasco."

The cost of the dorm was $6.4 million, of which $2.9 million has now been paid, Curry explained, adding that the money to pay for the dorm was "advanced" from a general Institute fund and must eventually be replaced.

MIT is also trying to find a donor for the building, or to find people to donate the cost of the individual units that make up New House.

Although the New House plans were drawn so that its current size could be doubled by adding some units similar to the current ones, Executive Assistant to the Vice President for Operations Richard Sorenson said that "it is not our intention to start another dormitory right away. If we had a lot of resources, I think we would." Kenneth Wadleigh, Vice President and Dean of the Graduate School, said, however, that "we're still out of the woods on Institute housing," and pointed to a need for additional graduate and undergraduate housing.

Wadleigh said that there is a shortage of housing because "we opted to build high quality housing, and students seem to prefer it." He noted also that commercial housing in the Boston area is "very expensive."

"We ought to be happy," Wadleigh noted. "A lot of institutions build a lot of housing and don't have students to live in it."

Sorenson noted that even if more money were available, it would not necessarily mean that more housing would be built.

"We need not only housing but athletic facilities, library facilities, renovated classrooms, endowments for student aid," he said.

If MIT does not get donations to cover the cost of the new dorm and is forced to sell bonds, Wadleigh said, the rent there will be higher than if it otherwise would be, because the interest payments would be included in the rent.

**Center stresses 'clean' energy**

By Rich Newcome

Boston Wind, the first alternative energy center in the Boston area, will soon offer classroom and workshop instruction to the public.

Since its organization in 1973, Boston Wind has been devoted to providing the Boston community with an information center on clean, renewable sources of energy, according to founders Bob Daley and Richard Ziedman.

Presently the co-founders plan to offer two courses in which interested individuals may be trained to build, design, or install practical energy systems. "Tentative plans call for the first sessions to begin Saturday morning, November 15," said Ziedman, "while solar energy workshops are being planned for January."

Each course will involve a systematic overview of the wind electric system for home use. It will deal with alternative energy philosophy, wind energy generation, and wind power systems.

The other course will place more emphasis on designing and building a wind driven generator. More technical in nature, it will be taught by MIT graduate student Herman Drees.

"Drees, who will be teaching one of the most complete courses ever offered in wind design, has developed his own self-starting vertical axis wind turbine for home use," Drees commented. "He has already been funded to put his prototype into production."

Besides classes, lectures and slide presentations on the philosophy of alternative energy, wind power history, wind generator operation, and applications are available.

Boston Wind has also made available Alternative Energy and Life Support Systems information not currently available at libraries or other local centers.

"We will be expanding our resource library which now contains several technical manuals, designs, bibliographies and information on manufacturing and research organizations," said Daley.

Work that provided the foundation for Boston Wind began at the Habitat Institute for the Environment, Belmont, Mass., in 1972. The project has been supported by donations of materials along with a technical, professional, and volunteer labor force.

As a non-profit organization, Boston Wind depends upon private contributions from its members to carry out many of its programs. An associate membership is available to anyone with an interest in its goals. Membership includes use of its resource library, quarterly newsletters and monthly meetings for the exchange of information.

For those interested in any of Boston Wind's programs an open house will be held October 19 at 12 noon at the Jamaica Plain Factory. "We invite anyone interested to look over our literature and discuss our programs," said Ziedman. "We at Boston Wind see the energy problem as more than a scarcity of available fossil fuels. The real crisis lies in the choice of solutions. We have joined the efforts of many concerned groups of people to implement clean, regenerative solar and wind energy sources."

The Friday, Sept. 26 issue of The Tech incorrectly stated that undergraduates could not take two electives pass-fail. The sentence should have read, "as undergraduates may now take a total of two elective pass-fail in the third and fourth years." The Tech regrets the error.