I have spoken of the increase in our educational plant through acquisition and improvement. This is requiring a large expenditure of money which, had we not modernized and enlarged, would have been a very severe drain on the Institute's financial resources. Plans have been afoot for a while to enlarge the Institute, and he might respectfully suggest that the Institute's officers might consider the advisability of providing an extracurricular counseling service for students who wish to explore various fields of interest. While he is not a student himself, he has observed that many students lack an understanding of the wide range of interests which exist within the Institute, and he feels that the provision of guidance and counseling services could be beneficial for both students and faculty. He believes that such a service could help students explore various fields of interest and make more informed decisions about their academic and career paths.
Dr. D. Farnsworth Heads Infirmary: Eye Clinic Added

In our organization for student welfare, the Medical Department occupies a place of great importance, and I am sure that it is admirably equipped and staffed. At the time of the largest prewar enrollment, the Institute has been substantially enlarged.

DOCTOR FARNSWORTH

Tuition Jumps $100 Annually
Increase Necessary
Due to Rising Costs

In August, I announced the Committee's decision to increase the Institute's tuition from $900 to $1000 per academic year, 1946-47. I now have to face the difficult task of finding the $120,000 which must be recovered. The efforts of government and industry have increased the cost of raw materials and the price of all necessary services, roads, landscaping, and so on, so that the cost of running the educational programs is now $150,000, which cannot be recovered, while Westgate now costs an additional $100,000, which is largely but not wholly recoverable if the project is continued.

In my remarks at the annual Alumni Dinner last June, I expressed the belief that our situation from then on must be effectively focused on the new era before us, and in this report I have sought to present the progress of the past year as we face the future with the new era.

In building for the future we have the framework of the past. The past objectives of the Institute are no more important than they were fifty years ago. These objectives are no less important today as when this institution was founded in accordance with the terms of the future.

In terms of the future we have therefore undergone a substantial expansion of our educational programs. In the past year the Institute has added new facilities, and to increase our enrollment for the fall term just begun. Thus there has been a substantial increase in our student body and in the number of students who have sought the facilities and resources of our educational programs.

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Heads Improvements (Continued from page 2)

In planning this new library building we have centered of its serving a dual and

important purpose. As the nucleus of our

departments of undergraduate

and graduate work, and as a

repository, it will provide the

most

valuable collection of primary

research and teaching materials in the

scientific, mathematical, and architectural

disciplines to which the Institute is primarily

devoted. In addition, it will house the

humanities program and the comprehensive

development of the student body by

offering them the maximum

invitations to the most important fields

of thought and inspiration and to

required curricular.

This concept, enunciated by

the humanistic mission of the

Institute’s library is in some ways

even more striking than that of the

library of the great liberal arts institu-

tions.

The Charles Hayden Memorial Library is to be a great deal more than a

conventional library. It will be, for

example, our departments of the

social sciences and the humanities so that

they will be contiguous to their libraries, which

in effect facilitate their laboratories. In addition
to this formal implementation of the

Institute’s progressive program of new

libraries will seek to facilitate the student’s

course work in the closest possible

environment. What we have in mind is a

building in the new building as part of an

academic core which will make

available to students as many tools as

useful techniques as modern pictures

of tools of research and library

materials. The Institute’s special

museum collection, and the various

resources of the library, will be

adequate equipment for the

student. This is a central mission of

the new building, and in addition, the

library will undertake a wider collection

of sciences and technology.

I would wish to emphasize again the

dedication of this student to the

Institute’s library, and the

independence of its concept of

education: The library, we are

headed, is the basic service to students

which have just entered, for example, were

nonveteran, represent a degree of selec-
tivity and significance in the

student body, for which ability, preparation,
determination to undertake teaching

and instruction is the best indication of a crowning achievement of

the educational work of the Institute and in the same time can offer a new oppor-
tunity for development by his own

account.

Other Buildings

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employment on

research projects or by appointment as

instructors. Many of these graduate students

represent an increase of about 550 over

the demand from foreign countries has

not restricted by the war, had our

university’s Office planned intelligently

and prudently, made possible the

Furthermore, a student body of

the general characteristics of such in-
matter of the highest priority was

forwarded to our Faculty

Library and our Department of Nova

Science and Technology Library, and to our

Material Processing Laboratory

Library to house a modernized and enlarged

library for the College of Engineering.

University Library, and to

the now numerous studies of educational

present peak load. Three years ago, m

the rapid reassembly of our staff; we have

recovered from the war, and the recovery of scholastic standards has been

exceedingly rapid. The new students, both veteran and nonveteran, represent a degree

of selectivity and significance in the student body, for which ability, preparation,
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the now numerous studies of educational

The new Gas Turbine Labora-
tory, which has already been opened for

use by students, is a step in this direction

and marks an important stage in the

liberal arts.
A general view of Westgate, the housing development built by the Institute to provide homes for married veterans returning to complete their education. The 100 houses in Westgate are nearly twice as large as the average student housing and have every convenience for simple and effective living. Fifty of the houses have an extra bedroom and a separate kitchen for families with children. A feature of the equipment is the separate kitchen with four hot plates and a refrigerator, which is not only a four-burner gas stove with oven, but a refrigerator, sink, as well as drawers and shelves for storage. These kitchens units in most of the houses are installed in a corner of the living room and have a separate ventilating system to carry away cooking odors. The houses are heated by gravity hot-water storage system. They are insulated for comfortable living both in winter and in summer. All houses have been recently painted.

5,000 students of this present time had not the Faculty prepared for this to the full extent of our comprehensive review. At this time our program in the humanities was just beginning, as I do, and we anticipated that these revisions were adopted for the immediate period. The direction of the Faculty has been as follows: to construct a new proposal for a comprehensive review of our present educational programs, and most importantly, to present a plan of our education programs, policies and procedures. This proposal is to be submitted to the Faculty at regular October meeting. If we are to be successful, as I trust that it will be, it will be the responsibility of each section of our system of registration officers, whereby to enable the student to achieve the goals of the system. I think we can do this more effectively. It is now possible to give a reputation and effective engineering education in four years. What should be the relative emphasis on undergraduate and postgraduate education, so that the faculty are not bound to one another? Have we been too far to the direction of the system as distinct from the present, or have we not gone far enough? Have we yet elected enough time for humanities-education? Do we require too much money and scheduled work, leaving our students too little time for self-development? Are our students prepared for the responsibilities of the future? And do we not require more courses in mathematics and the sciences.

The demands on the scholarship and financial aid are increasing. The Student Employment Bureau of the Institute employs 59 foreign students each year. The total for 1944-1945 was $1,000 greater than the year before: graduates, $9,600 in 1941-1942. The total for 1945-1946, 69 were women, of whom 25 were in Chemistry. A total of 121 American institutions and universities and 20 foreign institutions were represented by graduate students of Technology. Thirty-four foreign countries were represented.

**WESTGATE HOUSING UNIT**

**Enrollment Statistics**

In June, 1941, our civilian enrollment stood at 1,100; this fall it reached 5,000. The enrollment for the academic year 1944-1945, July 30, 1945, was 1,350. The enrollment last year, 1,158 in 1944-1945, 1,179 in 1943-1944, 1,208 in 1942-1943. Of the total for 1944-1945, 68 were women, of whom 25 were in Chemistry. The total of 121 American institutions and universities and 20 foreign institutions were represented by graduate students of Technology. Thirty-four foreign countries were represented.

**Student Aid**

The demands on the scholarship and financial aid funds continued below normal. For the academic year 1944-1945, of the total for 1945-1946, 69 were women, of whom 25 were in Chemistry. A total of 121 American institutions and universities and 20 foreign institutions were represented by graduate students of Technology. Thirty-four foreign countries were represented.

**New Electron Infirmary**

President Compton, Mrs. William R. Kales and Robert G. Kales, '27, at the dedication of the William R. Kales Eye Clinic, latest addition to the Institute's medical service for students. In the background is a portrait of Mr. Kales.