Institute Will Train 20 Reserve Pilots In C.A.A. Program

Definite Scholastic Requirements Are Set

Twenty Technology students will receive ground instruction and flight training in aviation for commercial pilots under a special program sponsored by the Civil Aeronautics Authority. The Institute has been requested to provide ground school training through the department of Aeronautics and Engineering.

(Continued on Page 1)

Air Training

Tech Man Wins Meisinger Prize

Weather Forecasting Week Gets $810 Award For Graduate Student

Jerome Namias, research assistant in geophysics, has won the Meisinger Prize of $810 for an outstanding contribution to the science of weather forecasting. It was announced by the National Weather Bureau.

Namias' research concerns a new method of isolating the temperature, pressure, and humidity characteristics of the air made by means of airplane flights and instrument measuring devices. The method makes it possible to follow these currents from day to day by means of the temperature and humidity characteristics. It is accomplished by drawing a number of horizontal and not fixed horizontal surfaces in the atmosphere, but surfaces along which air is constantly flow. Such surfaces, while nearly horizontal, are

(Continued on page 2)

Meteorology

European Architect Will Speak Tomorrow Night

Antonin Raymond, European architect who has just arrived from France where he has practiced for many years, will address the students of the School of Architecture of the Massachusetts Institute of Technology tomorrow evening, in the William Emerson Room.

During his career in Paris, Mr. Raymond has made a number of important buildings, including the residence of Vincent Bari, the Tihany Catholic Church, the manor house of Francois and Russia, and a number of commercial buildings for large oil companies in the city of Paris. He has developed a style of architecture that meets the requirements of Japanese life, including those imposed by earthquake hazards.

(Continued on page 3)

Institute Will Train 20 Reserve Pilots In C.A.A. Program

Dorm Dinner Dance Friday

Open House Till Midnight
And Early Morning Breakfast

Refugee Committee Asks Volunteers To Aid Work

According to William G. Magen- ter, chairman of the Refugee Committee, volunteers are wanted to aid in the work of the committee to assist refugees. Special requests are for scholarships at the Institute. The only requirements are that the volunteer be genuinely interested in the work, interested men and women are invited to sign up in the T.C.A. office as soon as possible.

Vannevar Bush Awarded 82500 For Achievement

Develops Computing Device At The Institute To Win Recognition

An award of $82500 in recognition of distinguished scientific achievement was presented to Dr. Vannevar Bush, former vice-president of Technology, and president of the Carnegie Institute of Technology, Washington, by the Research Council last Thursday night. Dr. Bush, himself a graduate of the department of Chemistry at Princeton University, was also awarded $2500 for his work in the field of chemical catalysis.

Burchard Speaks On Life Housing

Addresses Shelter Conclave At Yale University February 1

At the Yale-Life Magazine Conference on Housing Techniques, Professor W. G. Magen-ter, chairman of the Committee on the Albert Fawiris Benefit Foundation, delivered an address entitled "Housing Techniques," in which he pointed out that the purpose of the meeting was to bring together housing experts and interested in the field to exchange ideas and develop constructive programs.

(Continued on Page 4)

Housing

Plan To Establish "Center Of Mathematical Analysis" Will Put Famed Analytical Theorist To Practical Use

That differential analyser is here now. But this time it appears in a new role. It is no longer to be merely a mechanical extension of the integrator and newspaper feature stories. No longer is it to be the medium of calculation. Mathematicians, too, its operation is restricted to a handful of mathematical wizards who understand its intricate mechanism. The differential analyser is better known now as the main instrument in solving the complicated problems of industrial engineering.

Dr. Bush's talk last week announced the plans for putting the analyser to work. A grant of $10,000 by the Carnegie Corporation of New York will make possible the establishment of a center of mathematical analysis at the institute to direct the use of this highly specialized mathematics calculating machine, including the analyser, for industrial purposes.

Many Machines Available

Dosses the original differential analyser, equipment which will be available at the Institute and which will be used in the center for the purpose of developing and testing new machines and new analytical and mathematical methods.

To Aid Industry

According to plans announced last week, the center on analysis is being founded for the purpose of encouraging and assisting industrial engineers and the engineers of these "fertile fields" by making available in industries and industry itself the power of engineers and mathematical proccedures economists.

The idea is to train these persons in the use of the analyser in the field. The work of the center will be to carry out a program of active development of new machines and the solving of problems by systematic methods of using them.

Staff To Be Formed

Recommended by the Committee on Scientific Aids to Learning of the National Research Council, the project includes the organization of a staff to operate the various machines developed at the Institute, the application of mathematical work of scientists and engineers.

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ent, the estimated number of prospective refugees in Europe is several millions; and they are now attempting to escape from there to other parts of the world which is not more than a few hundred thousands.

In addition to these millions, there are another ten million or so destitute in this country, and the plight of those in Europe becomes a little less dreadful.

Gigantic efforts are being made to relieve the situation of our own ten million, but what part of these efforts are being directed at solving the question of the increase of education—and there are thousands within our own borders who want it and are worthy of it.

In these days of depression when most colleges are reducing scholarship aid to native Americans, why are so many of them binding the hands of the future to extend volunteer aid to any unfortunate foreigners? It is a truly Christian act to support these refugees until they have a chance to get on their own feet, but it is an act of charity to extend them these unfortunates benefits which we are backward in offering them.

There need to be no so far afield to find people to help. Consider the plight of those students here at the Institute who are financially unable to get even the assistance of the part time work; students who are driven by a great enough enthusiasm for science to suffer considerably from lack of money and hardship in order to get into it. These students have proved that they can appreciate and make the best of professional training by anyone. Our country can afford to do better than to curtail their efforts in order to extend voluntary aid to anyone.

Refugees of recognized merit—teachers, scientists, musicians—by the way, the people who have proven their value to the world, should most certainly be taken to our collegiate fold. These are potential members of the great body who have proved their need and capacity for making the best use of assistance.

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M. I. T. Varsity Takes Second At Millrose; Frosh Win At K. of C.

Varsity Wins Over Syracuse And Columbia

Hedlund Predictions Come Close In Most Events

BY LESLIE CORSA

We met Oscar Hedlund in New York before the Millrose Games last Saturday and asked him what he thought he would do at the major events. Without even batting an eye, he bowed his head and told off his predictions in this event.

Hedlund’s predictions were a considerable improvement over the forecasts. He did not take second place in a single event. In the 4x4 relay the Syracuse Columbia and Guelph gave him a blank.

Beethoven Falls

Only a tragedy prevented Beethoven an Olympic victory equalled the old record of 2:43.6 established at the Millrose Games of 1923. However, Hedlund’s time was 2:44.8 seconds.

Milwaukee Wins

Wesley Wallace, another Fordham track man, won the 600 in 1:12.3.

53.2, 52.4 and 52 flat.

Army Crowds Out Hockey Team, 4-2

Icemen Will Battle Boston U.

At Boston Arena On Next Tuesday

Plainting a fast and tough battle on ice, the hockey team lost out to Army once more, 4-2, last Saturday night.

The mid-season game was played on Army’s indoor rink at West Point.

Held scoreless for three quarters by the Skylarks, the Black Knights scored four unanswered goals in the final period to win.

An 8-3 victory against the Army hockey team was a welcome change for the team after being defeated by Army in the previous game.

Required Textbooks Are in Demand, Says T.C.A.

The Technology Christian Association announces that there is a great need for requested textbooks, and that any person wishing to sell his old books can find many prospective buyers through the medium of the T.C.A. Book Service.

The service is designed to help those in need of books and to benefit the association.

Ski Team 3rd In N. H. Meet

Skiing held Saturday and Sunday at Mt. Sugarloaf, New Hampshire, was attended by the Ski team of N. H. Meet.

The team placed third in the competition, ahead of a number of other teams who also participated in the event.

Skiing in Demand, Says T.C.A.
AVIATION. HEALTH, AND SCHOLASTIC STAND- 
OUTLINE. All applicants must be more than 
graduate students whose scholastic 
records indicate their ability to take 
entrance examinations for 
licensure as civilian pilots. 
The seven other 
libraries are 
Chesterfield, bringing out 
their fine smoking qualities and gives you a 
smoke of Mild, ripe American and aromatic 
Kinds. By combining (blending together) the 
right kinds of mild, ripe American and aromatic 
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Chesterfield

...the blend that can't be copied

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The WALKER CAFETERIA

Offers You The Best In

FOOD, CLEANSINESS, SERVICE AND QUALITY  
*** Complete Dinners .50 
 *** WIDE SELECTION  
 *** SALADS  
 *** BOOZE  
 *** SODA  
 *** SAVOY  
 *** USING COUPON BOOK

The colorful P. HAL SIMS, 
master bridge authority and 
player says, "It's the right 
combination of keen bid-
ing and skillful play of 
the hands that takes the tricks!"