NSA May Start Savings-Loan Plan At Institute

Object is To Provide Funds at Low Interest So Students Can Travel

Formation at the Institute of a new type of savings-Loan plan for the encouragement of overseas and U. S. travel is at present under the consideration of the Tech Student Loan Com-
mittee here. The contemplated plan has reached a point where it is necessary to get some measure of student reaction to such a plan and the NSA hopes that all students (or staff) either personally interested in the plan, or merely having a constructive opinion, will con-
 tact that organization.

On behalf of the University of Colorado, the savings-loan plan was reasonably successful at that school. The main points of the plan are as follows:

1. Deposits, staff, or other regu-
lar members of the Technology Family will be permitted to make deposits of about 20 monthly deposits of $30.00, or multiples thereof, into a so-called revolving fund. In general the earlier a student joins the plan the more deposits he might make; thus a freshman might possibly be able to make more deposits, Sophomores pos-
 sibly 30,

2. Deposits invested, by the administra-
tion, in securities. The fund is to be
 returned at any time individual wishing to drop the plan.

3. At the end of a stipulated period—normally during a summer vacation, or at graduation—anybody participating would be able to apply for a loan matching the total of their deposits. These loans would probably have to be supported by deposits from the Institute until such time as the fund built up to a safe and liquid basis. The interest would be charged at 4%

4. Interest on the loans would be low, possibly in the 5% range. The idea is to use the pooled funds to be continually lower the interest rate as the surplus expands.

Gin Possibilities

5. In the initial years of the plan some special gifts, like the Nash professorial series, have to be set off repayment of the

Baker Campaign Starts With Dinner
For Fund Members

Inaugurating the Baker Memorial Campaign, which officially opens December 4, will be a 9:00 dinner Monday evening, December 4, 1950, in Moris Hall at 7:30 p.m.

Division Captains, Team Captains, Contact Men, and other campaign personnel will be present.

Among the invited guests are Dr. Charles Emmons, Dr. Arthur A. Suter, Dr. Dana L. Gauthier, Dr. Thomas J. Pette, Dean of Students; John Fisk, President of the Glee Club; Robert Wilbur, Dr. John R. Longfouskoff, Professor Ivan J. Gertner, and Mr. Morgan Baker, brother of the late Dean Baker.

Gerald E. Burns Jr., and Frederick W. Wells '51, Co-directors of the campaign, also announced the add-
ition of Donald R. Walker O as a Division Captain.

The Co-directors also announced the following partial list of Team Captains:


During the two weeks, December 4 through December 16, every member of the M.I.T. student body will be visited personally, Day a repre-
sentative of the Baker Memorial Committee.

New Cloud Chamber Made
By Brookhaven Scientists

A cloud chamber of improved use-
ffulness to atomic research, but
simple enough to be built at home, was described at the American Physical Society meetings at the University of Chicago last Saturday by four scientists from Brookhaven National Laboratory, Upton, N. Y.

To operate any cloud chamber, the experimenter makes a saturated vapor of some substance, usually alcohol or ether, over a space holding a vapor, so that the vapor suddenly appears for a very brief interval.

Diffusion Process

In the new continuous chamber, explained the Brookhaven repre-
sentatives, the vapor diffuses continu-
ously from a warm upper sur-
fact to a cold lower one through an air or smoke screen. At some point between the two surfaces, the vapor condenses sufficiently to produce supersaturation. Because vapor is continually diffusing, the chamber will track continuously. This continuity of operation enables scientists to obtain a continuous and di-
ficult to interrupt, many photos of interactions of atomic particles, ac-
cording to the scientists.

The division, therefore, is partic-
ularly useful in studying interac-
tions caused by bismuth of partial-
tron and other high energy machines, they pointed out. Also, since it is simple to operate and without interruption, it is useful in the classroom, for laboratories, for sports and for studies.

Musical Clubs Present
Christmas Concert

The annual Christmas Concert, sponsored by the Music Department and the Tech Glee Club, will be held in Jordan Hall at 8:30 p.m. on Friday, December 7. The program will feature the Tech Glee Club and the Choral Society accompanied by the M.I.T. Symphony Orchestra, solo roles are to be performed by the mezzosoprano Paul Matteson, bass, Willabell Under-
wood, soprano, and Gene Con-
ter.

Textile Division Developed
Impact Tension Instrument

All of the research undertaken by the Quantummeter Corp. during the past 23 years is utilized in the manufacturing of the new device. The device is aimed at the develop-
m ent of instruments which will aid in the over-all research of the fiber, textile, and leather industries.

Professor Rogers S. Fish of the Textile Division is shown testing a sample of fabric in an instrument designed to measure the strength of the material.

(Continued on Page 4)

Press, Killian To Speak
At Next LSC Forum

For the first time in its his-
tory, the forum will be the topic of a forum to be held on Tuesday, December 7. Bruce Brin-
ton, Harvard's well-known his-
torian; Alston S. Blair, president of Colby College; Joseph Brenner, professor of mechanical engineer-
ning at the Institute, and President James R. Killian, Jr., will partic-
ipate. Acting as moderator will be Karl W. Deutsch, professor of history at Technology.

This forum follows the next in the series of philosophy forums orig-
nated by President Killian in the Social Sciences Series Committee. It will be held at 7:30 p.m. in Room 10-14.

The speakers will discuss the aims of education in the arts and society and attempt to evaluate the impact of the educational system. Problems con-
cerning the meaning of freedom, the task of education in a free society, and the curriculum will be taken up. The forum has already been interested in education problems. Professor Brienen has received several invitations to speak and is expected to deliver his address on the subject of education.


text
Tech Basketeers To Meet Harvard In Opening Game

This Friday night at Harvard will see the opening of Tech's basketball season as well as the start of Tech's-a-poppin' week-end. Cleo O'Donnell, new to the coaching staff, will learn how much his pre-season efforts helped the squad, and the team will be able to get their first indication of the effectiveness of their new offense.

Beavers Lack Height

The basketeers worst handicap this year is lack of height. The starting lineup which will probably consist of Captain Leon Hong and last year's sophomore whiz kids -Captain Herb Glanz, Mike Nacey, Hank Bohannan, and Larry Garthe are relatively small for a college highscorer Herb Glanz, Mike Nacey, last year's sophomore whiz kids, consists of -Captain Leon Hong and this year is lack of height. The

Beaver Hockey Team Takes on Strong Tufts Squad in Garden Saturday

The Beaver Hockey team will take the ice against a strong Tufts squad on Saturday at 8:00 p.m., the second day of Tech's-a-Poppin weekend. The Engineers are expected to put up a strong tussle, but lack of practice and graduation losses have proven hard blows, and the team will not be in top condition against the Jumbos.

Wrestlers To Open Big Season Against Springfield's Team

Roy Merritt, the new varsity wrestling coach, is looking forward to a successful season. Presenting members of last year's Frosh squad are filling in many of the vacancies left in the team by graduating seniors. Holdovers from last year's squad, Captain Tom Callahan, Bob Robertson, and Sam Michtel will also get some aid from transfer students Nicholas Baskett and Horace Consil, who are eligible to wrestle for Tech this year. The first match, against Springfield College, this Saturday night at 7:00 p.m. in Rockwell Cage, may be one of the best of the season. The team will be trying to avenge last year's 35-14 loss suffered against Springfield.

Summers Are Great With P.M.P. -MOR-T-E SOKING PLEA

Some good points help counteract the bad points. We believe that you, too, will agree...
The Tech
Tuesday, November 28, 1950

NOTICES

Young Republican Club
John E. Hardwicke, former candidate
in Illinois, will speak on the
cooperation of Communists in China
at 5:00 p.m., Wednesday, November 29,
in Tyler Lounge.

Christian Science
A free lecture entitled, "Christian
Science, the Science of Higher
Conception," will be given on Thursday,
November 30, in Room 1, 7:30 to 8:30 p.m.
By Harold D. de Lange, C.S.B.,
New York City, a member of the
Board of Lecture of the Mother
Church, First Church of Christ
Scientist in Boston, will speak under
the auspices of the Christian Science
organization at the Institute.

LSC Movies
H. G. Wells' latest play, "Things
To Come," starring Raymond Money,
will be shown at the meeting.

TECH'S-A-POPPIN
The Social-Athletic weekend of the year
DEC. 1 & 2

TECH'S-A-POPPIN
The Social-Athletic weekend of the year
DEC. 1 & 2

So live, so dry

glass after glass after glass

Schaefer Dry
the beer that's both light and dry

OUR HAND HAS NEVER LOST ITS SKILL

The F. & M. Schaefer Brewing Co., New York, N. Y.