The California Tech

Athletic Center in Operation

Hours for new gym fixed; swimming lessons given

With the expanded facilities afforded by the new Scott Brown Gymnasium and Alumni Swimming Pool, Caltech's physical education department is now able to launch its major winter program. The new equipment will be given hardy a moment's rest, according to the plans that have been set up to accommodate it.

For the remainder of the basketball season the varsity and reserve basketball teams will be using the entire gym floor from four to six in the afternoon. Several home basketball games have been scheduled, beginning next Monday, and these events will be open to P. E. classes from two to four Monday through Friday.

Director of Athletics H. M. Sadler, "We have equipment in the old fieldhouse and in the new. Coaching staffs will be used to the new building immediately. The fieldhouse will be locked at six o'clock tonight, and students should have their gear moved over by then.

In about two weeks the swimming pool will open. On week-days from noon until two o'clock the pool will be available to all male Institute personnel for recreational swimming. Swimming classes will be offered, "Swimmers" classes at two and four advanced classes at three and five. It is hoped that all Techmen who cannot swim, or who wish to improve their swimming, will take advantage of these classes.

Collister will talk about Christianity

Allan Collister, assistant minister at Lake Avenue Congregational Church, will speak on "Christianity—What Does It Matter?" at a discussion session sponsored by the Caltech Christian Fellowship.

The meeting will be held next Tuesday from 12:05 to 12:50 in 208 Dabney. Everyone interested is invited. Bring your lunch.

Dr. Speaker talks to interested students

Dr. F. C. Lindvall will give the first Friday evening demonstration lecture of the year at Caltech on this week. Chairman of the division of Engineering, professor of mechanical and electrical engineering, and a member of the Caltech faculty since 1934, Dr. Lindvall will speak on "Work and Energy."

Weekly series

He will discuss fundamental principles of mechanics and how they apply to engineering practice, particularly of power generation.

The Friday evening demonstration lecture is given weekly in room 208 by members of the Norman Bridge Laboratory of Physics by a member of the Caltech faculty on some popular phase of science or engineering. Each week it attracts not only members of Tech, but also those from the larger area of the city. Because of its popularity, the audience has outgrown the capacity of the hall. For this reason the time of the talks has been changed to 7:30 to insure seating.

Naval Reserve officer comes

An officer from the Office of Naval Officer Procurement will be on campus Thursday, January 13, at 9:00 a.m. in the lobby of Throop Hall to explain the Naval Officer Candidate program to interested seniors. Application forms for the Officer Candidate School may be made 180 days before graduation so that the papers can be processed and the seniors can be assigned to a class beginning shortly after graduation.

Officer Candidate classes are now scheduled to convene in March, May, July, September, and November. There are openings for Unrestricted Line, Hestired Line, and staff corps such as supply and civil engineering. Interested applicants will be sent to the Officer Candidate School at Newport, R. I., for four months and, after completion of a one-month course known as Ensign, will serve on active duty for three years. The quota for the Navy commission should continue in effect until June 30 next year. Seniors may apply for this course during their last term prior to graduation.

Marine Corps holds interview

The United States Marine Corps Officer Procurement Team, headed by Captain J. S. Gerson, will be on campus next Wednesday, January 12, from 9:00 a.m. to 5:00 p.m. to interview students interested in learning about the Marine Corps officer candidate program. The Marine Corps offers two programs, each leading to a commission and gainful military employment. The first is open to college seniors and includes two years in the Marine Corps Reserve. The second is open to college seniors and graduates under 27 years of age. Seniors may apply for the course during their last term prior to graduation.

Wes Hershey off to Europe next Monday

Wes Hershey, executive secretary of the Caltech Y, will be here Monday on an extended trip to Europe. Mr. Hershey, who is taking an eight-month leave of absence from the Institute, will be accompanied on the trip by Mrs. Hershey and their two children.

While he is abroad, Mr. Hershey plans to make a study of the extra-curricular activity programs of students in a dozen universities in the British Isles and on the Continent. He will make his headquarters in England, and from there he will make brief visits to university campuses. During this phase of the trip Mr. Hershey plans to concentrate on the problems which confront European students in the areas of international understanding and religious concern.

American delegate

Mr. Hershey will also serve as an American delegate to the executive committee of YMCA's World Alliance. This conference, which will gather together YMCA leaders and workers from all parts of the world to discuss YMCA programs, principles, and objectives, will be held in Paris in August, 1955.

While Mr. Hershey is away, the Caltech Y will function as usual, under the sponsorship of Dr. Beach Langston, English professor, who has already taken over most of the duties of the Y secretary.

Maddox heads list of AUSF visitors to Tech

By Jerry Fried

Recent technological advances in Latin American Republics will be Four topics by prominent economists. Dr. James G. Maddox during his visit to the Caltech campus next week. Dr. Maddox, who has been active in technical assistance programs to Latin America since 1949, is at present studying political and social developments in such countries as Peru, Bolivia, and Venezuela under the auspices of the American Universities Field Service (AUSF).

Under this program, Dr. Maddox and other qualified men are given an opportunity to study, firsthand, foreign areas about which they have a lack of knowledge in this country.

While in Caltech he will speak to the Y Undergraduate Lecture Forum on "Training North American Technicians to Work in Latin America."

He will discuss the problems North Americans face in adjusting to the Latin culture and living conditions, and what Latin Americans expect of North American technicians employed in the Peace Four programs. A seminar on nationalism will be held that week.

Dr. James B. Maddox

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Laurels to La Brucherie

Tech always has been proud of football coach Bert La Brucherie. This guy, we thought, deserved more public recognition than he has received of late.

It seems that La Brucherie undeservedly has lost publicity space to men like Red Sanders, Bud Wilkinson, and Eddie Erdelatz, football coaches who attract the public eye the easy way—by winning all their games. Of course, this shouldn't be the only criterion of success, and at last, in the December issue of Saturday Evening Post the nation's press has given due credit to La Brucherie, who describes his rather unique position at Tech, and concludes that "Big Football Is Not For Him."

Hats off to you, Coach! Your article, we thought, spoke well for you and for Tech's sportsmanship, athletics, which sometimes seem to be misunderstood by a public that wants more of a circus than a game.

However, some of us chauvinistic Tech men want to correct the impression that we have a casual attitude toward winning. Despite our elusive vision, our desire to stay in school, and our house loyalty, we're out for victory. We'll use all our brains, our house loyalty, and since, as you observed, it takes more than brains, we'll resolve to work hard and give the ole' college try for victory in '55.

A plea for "Pendulum"

Our sister publication, the Pendulum, is in trouble. If subscripions don't increase, Caltech may lose its literary magazine.

For four years, Tech's rival to the Harvard Advocate and the Atlantic Monthly has thrived with an abundance of contributions from literary scientists and engineers. Each term the campus looks forward to seeing what the imaginative boys have in the back of their heads when they sit staring through a physics book. Although not every article is a prizewinner, the magazine has shown that Tech men can be deeply expressive.

Pendulum has served as a stimulus and a medium for creative self-expression. Its editors and contributors deserve special acclaim for their most recent issue, which should be recommended reading for all students and faculty.

Trouble Ahead

Unfortunately, financial problems are clouding the future of this jewel of journals. With its fine quality printing, production costs are triple the reasonable dollar-per-year subscription rate. The Carnegie Institution has felt that the Pendulum is worthwhile enough to grant some $1200 a year to make up the deficit, but this is the last year this subsidy is available. To interest other sources to carry the load, Pendulum needs to prove a strong support with a large number of subscriptions. Now only 150 subscribers are on the list.

Dilemmatic Wished

This is therefore a plea: a plea to students to shell out a buck—for a good cause—and some entertaining reading, a plea to the faculty to kick in to "see what the kids are up to," and a plea to the Pendulum staff not to give up, but to keep pushing a good cause—and some entertaining reading, a plea to the faculty to kick in to "see what the kids are up to," and a plea to the Pendulum staff not to give up, but to keep pushing a good cause—some entertaining reading, a plea to the faculty to kick in to "see what the kids are up to," and a plea to the Pendulum staff not to give up, but to keep pushing a good cause.
Tech cagers meet Chapman
Long Beach

The basketball season rolls into high gear tomorrow night when the Caltech team travels to meet Chapman College. It will be the first game in a month for the Beavers, who have a record of one win and four losses to date. Center Phil Conley, with a 30 point plus scoring average, will lead the team into action Tuesday the team will meet Long Beach State at home. Both these teams are independents which Tech is playing in preparation for the first league game of 1955—with Oxy next week.

The Redlands Bulldogs defeated Tech in a league game on December 26. The game was played in the Pasadena Armory, former home of Caltech basketball teams, and the final score was 89-66. The game was very close for the first half and Redlands held only a 31-27 lead at half time. In the second half, however, the Bulldogs began to use a full court press and they pulled further and further away from the Beavers. Al Endeman of Redlands was high point man for the game with 31 points.

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USF Dons beat Tech soccermen in finale

By Al Helgeson

The soccer team wound up its season on the Saturday before finals by losing to USF by the score of 61. Caltech played their usual disastrous first quarter, letting in three goals in the first five minutes. Rafe Steffans scored Caltech’s only goal on a penalty kick. The JV’s lost their game to the USF JV’s 3-0. Oddly enough, both games ended with the same scores as last year’s encounters with USF.

Caltech ended in a second place tie in the Southern California soccer league this year. UCLA was first; Cal Poly; second, and Pomona, fourth. In league play the Beavers won 2, lost 2, and tied 2. In addition they lost two non-league games. Rafe Steffanson was the high scorer for the season, accounting for 9 of Caltech’s 15 goals. Mathes, Blingham, Serdengedik, and Boodecker each scored one goal.

The JV team finished a little lower in league standings as it won none, lost 5, and tied 1. Varsity prospects are a little better for next year as only Matthes, Serdengedik and captain Helgeson are leaving. Several experienced men on the JV team look like varsity material, and if the admissions committee comes through with some foreign talent, Caltech might regain its league-leading position.
DuBridge optimistic about science manpower situation

Optimism was the theme as President DuBridge spoke last week on the nation's problem of Scientific Manpower. Speaking at a Berkeley meeting of the American Association for the Advancement of Science, Tech's President assured the assembled scientists that the future holds not only a continuing demand for trained talent, but also a good chance of filling that need.

Science, which is not alone in the need for college trained men, is different from the arts and social sciences in that there is a 'gilt-edged money backed demand for scientists.' While salary inducements don't make better scientists, they do give scientists fields a slight advantage over their competitors for talent. Drawing from a recent report by Dr. Daniel Wolfe, Dr. DuBridge concluded that the future prospects for filling the demand are bright and that there are enough potential scientists among the boys and girls now of grade school or high school age to meet the foreseeable need in the coming years.

An even bigger and more general problem which we face, Dr. DuBridge told his colleagues, is overcoming the apathy toward intellectual or scholarly pursuits in general. Too many bright people 'drift off into the hard-earned business and eventually take over Dad's store,' when they are badly needed elsewhere.

ATHLETICS CENTER

(Continued from Page 1)

an arched structure with supporting timbers in a diamond pattern made of Laminella wood. Instead of the more customary steel girders, it is said by the contractor to be the largest such structure of Laminella wood west of the Mississippi. Maximum height of the roof is 35 feet; it is 27 feet above the corners of the playing court and 20 feet high where it meets the walls. The floor, which is 50 feet by 94 feet, can be used as a single basketball court, as two cross basketball courts, as three volleyball courts or as five badminton courts.

The swimming pool will be 60 feet by 75 feet and will vary in depth from 3 feet 6 inches to 12 feet 6 inches, including a special deep end for water polo. The floor will be furnished with 40-foot towers and also from small underwater lights on the pool walls.

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