

# C. I. T. NEWS

## CALTECH ATHLETIC PROGRAM

By HAROLD Z. MUSSELMAN\*

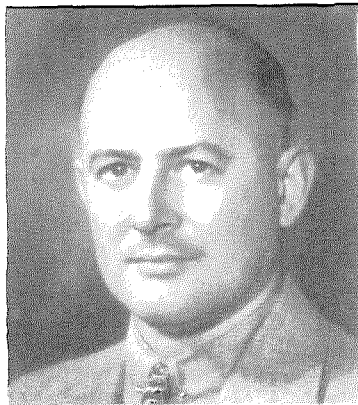
THE opening of the second semester on November 3 found most of the members of the Southern California Conference resuming their intercollegiate sports program. While the Conference itself remains inactive for the duration, at least three of the schools expect to maintain a normal intercollegiate program. Occidental, Redlands and the California Institute are V-12 schools and will meet each other in all sports for the remainder of the year. Pomona, having several Army units, will not participate in an intercollegiate program, and neither will Whittier, which has civilian students only. With Conference rules suspended, all men in school now will be eligible for varsity teams.

The California Institute expects to provide schedules in the same sports as last year, providing suitable opponents are available. The program for this semester includes basketball, cross country and water polo. Inability to obtain matches has retarded the organization of soccer. The spring sports, track, baseball, tennis, golf and swimming, will get under way at the opening of the new semester on March 6.

At the opening basketball practice on November 4, Coach Carl Shy was greeted by a record turnout of 75 men. Dean Chapman, center, and Tway Andrews, guard, are the only lettermen returning from last year's championship team, although Andrews, troubled with a hip injury, still has not reported for regular practice. Much material has been found in the V-12 unit and out of the 22 men now retained on the squad, only four are civilian students.

In the absence of a freshman team this year, part of the varsity squad will be designated as a "B" team and will play preliminary games. This group is coached by Chief Specialist Dan Miranda, an instructor in the V-12 unit, who is an experienced coach and player in football, basketball and baseball.

In the opening game, the engineers defeated the strong squad from Camp Santa Anita 49 to 34. In triumphing over a team which was undefeated in six starts, Tech's team looked good and held a lead all the way. Captain Chapman at center played his usual fine game and was high scorer with 18 points, but was closely pressed by Hugh West with 15. West, a sophomore, and Paul



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Nieto, who started at the other forward spot, both made their frosh numerals at Stanford last year. Junior Iliiff Dana, a football letterman from Stanford, and frosh Stuart Bates, from Pasadena J. C., held down the two guard spots. At present this appears to be the starting lineup.

The following week Tech bowed to the Los Alamitos Naval Air Station 62 to 56. Chapman again led the scoring with 25 points while West registered 13. High scorer for the opponents was Omalev, star at U.S.C. last season, with 19 markers.

The team this year is fast, showing far more speed than any previous Tech team. However, the lack of qualified reserves is a big problem for Coach Shy, for so far no substitute can be used without weakening the team.

The schedule for the remainder of the season is as follows:

- Jan. 4—Pepperdine.
- Jan. 8—\*Redlands.
- Jan. 14—\*U.C.L.A.
- Jan. 22—\*Occidental.
- Jan. 29—Redlands.
- Feb. 4—\*Pepperdine.

\*Home games to be played at Pasadena J. C.

The Water Polo squad, coached by Chief Specialist Arthur Dillenbeck, dropped their opening match to the strong U.C.L.A. squad 7-6. Behind in the score, 7-3, Tech closed with a rush and almost nipped the Bruins at the finish. The Uclans were met in a return match in December, and other matches have been scheduled with North American Aviation and various club teams.

Dr. Floyd Hanes's Cross Country squad dropped their opening meet 21 to 37 to U.C.L.A. on the voters hilly course. In the following meets, Oxy was defeated 22 to 33, and Compton J. C. trounced 20 to 35. Return meets with U.C.L.A., Oxy and Compton J. C. will complete the schedule.

## CIVILIAN DEFENSE AT CALTECH

The California Institute of Technology is fully prepared to meet any eventuality. The campus of the Institute, classed as one defense sector of the city of Pasadena, is divided into 10 "blocks," each of which is headed by a block warden, who is assisted by two messengers at the block headquarters and by several fire watchers. Three other main divisions complete the corps, the personnel of which is summoned by the warden when needed. Two hundred and fifty students, 50 civilians, and 200 enlisted men from the V-12 contingent, are working as members of the organization.

The first of these divisions, the medical branch, under the leadership of Professor Anthonie van Harreveld, maintains complete casualty and first-aid stations at three spots on the campus, complete with modern equipment, including a respirator. This division maintains, in addition, many smaller casualty stations throughout

\*Acting director, physical education.

the campus, the locations of which are posted on the bulletin boards.

Professor Arie Haagen-Smit heads the decontamination squad, which is one of the best equipped corps of its kind in the nation, including rubber suits and the newest decontamination devices in its equipment. The fire-fighting group boasts two fire wagons and is staffed by 100 V-12 men.

The nerve center of the organization, the sector office, is equipped with a radio which is constantly tuned for warning signals. Complete communication with every part of the campus is made possible by telephone and messenger service. An ensign stands at this post day and night.

The entire personnel of the organization has been highly trained and coordinated, and, due to the conscientious efforts of everyone on the staff, the Caltech Civilian Defense Corps is a model organization of its kind. Dr. Edward O. Guerrant, of the Institute staff, acts as Sector Warden and head of the Caltech civilian defense program.

## INDUSTRIAL RELATIONS SECTION

THE winter series of E.S.M.W.T. courses in Industrial Relations and Production Engineering will open on the campus and at Huntington Park High School the week of January 17. To date more than 3500 students have taken advantage of these tuition-free evening courses offered on the Pasadena campus. In establishing an off-campus center at Huntington Park, the Institute will be bringing its services to the large industrial center south-east of Los Angeles.

Courses offered at the California Institute and Huntington Park High School include:

- Industrial Relations for Supervisory Personnel
- Labor Relations for Supervisory Personnel
- Industrial Management
- Selection and Placement of Personnel
- Techniques of Training Personnel
- Wage and Salary Determination and Job Analysis
- Motion and Time Study
- Production Control
- Cost Analysis and Control
- Cost Estimating
- Industrial Wage Incentive
- Improved Methods and Plant Layout
- Materials Handling and Inventory Control

For detailed announcements of these courses and application forms write to the Industrial Relations Section, California Institute of Technology, Pasadena 4, or phone Sycamore 6-7121, or Ryan 1-6751.

In expanding its war-training program this fall the Industrial Relations Section has established evening school classes at El Segundo High School, Claremont Colleges, San Bernardino Valley Evening Junior College and Riverside Junior College with a total enrollment of 400 students.

## PATTERNS OF COLLAPSE

ALTHOUGH the Institute's general lecture program has necessarily been curtailed because of war activities, the arrangements have been made to have Dr. G. R. Treviranus, German statesman of the pre-Hitler era, deliver two addresses during the last week in Jan-

uary. The first, "The Fate of the Weimar Republic, 1918-1931," will follow a stag dinner to be given by the Board of Directors of the California Institute Associates.

The second, "Patterns of Collapse: Germany 1918, 1923, 1933 and Tomorrow," will be a public lecture at the Athenaeum at 8:15 p.m., Friday, January 28. It will be open to the staff and the friends of the Institute.

Dr. Treviranus played a very prominent part in public affairs in Germany prior to Hitler's coming into power. Leader of the Conservative People's Party which was formed in 1930 as a protest against extreme German nationalism, he was also a member of the Bruening cabinet (1930-1932), first as Minister without portfolio and later as Minister of Transport. Soon after Hitler's coup, he made his escape from Germany to England, and later settled in Canada.

His present activities include giving special lectures and courses at Canadian and American universities and writing on European affairs. His book, *Revolutions in Russia, Their Lessons to the Western World*, is scheduled for publication in January, 1944.

## ALUMNI DANCE

The eighth annual alumni dance will be held on Friday, February 11th, at the Elks Club, 607 S. Parkview, Los Angeles, at 9:00 P.M. Watch for your announcement.

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