Oppenheimer reviews visit

ROTC to be in Armed Forces Day celebration

The Caltech AFROTC Drill Team has been picked to perform in the Armed Forces Day celebrations in Long Beach, May 21. The team, headed by Capt. Gordon Fullerton, consists of 20 sophomores and four freshmen.

The drill team will execute unique forms of marching maneuvers and portions of the British Manual of Arms for the audience. General Twining, chief of staff, United States Air Force, may attend the performance.

The ceremony at Long Beach will include parades of military units and various speeches by civilians and military officials, commemorating the achievements and services rendered to be remembered by all the brave men of the armed service.

Members of the drill team are: Pete Smith, Howard Bloomberg, Ed Park, Tom Dodge, John Velick, and Brian McGuire.

Two students given award

Howard Berg and Tom Berge, Caltech juniors, have been named winners of the Don Shepard award for 1955-56. The award consists of $300 cash to be used by the recipients for the enjoyment of art, literature and music.

The Award was established by relatives and friends of Don Shepard, the Caltech and was killed in a plane crash in October of 1960. It is given annually to a student or students whose basic educational pursuits have been met but who would find it difficult to partake of the cultural opportunities of this great city without financial help. The money can be used to buy books, records and pictures, or to attend plays, exhibits and concerts.

Candidates are chosen on the basis of their request to benefit from such opportunities rather than on the basis of scholastic standing.

Caltech staff, revised to contain only facts

'Facts About Caltech,' misleading diary of Caltech life, revised to contain only facts by Stu Bickert

The book titles, 'Facts About Caltech,' and 'This week in Caltech life,' are slightly misleading accounts of life at Caltech that has defied the efforts of students entering this institution and military officials to revivify the new edition is almost ready to go to press and will be available for next year's applicants.

In contrast with the present 'Facts,' which completely ignores the fact that an occasional Caltech student finds his studies somewhat difficult, the new edition actually makes such an unpreconceived statement as: "The California Institute of Technology is not easy," followed by a description of the problems a student may face. "Yes, the work at Caltech is hard!" Perhaps even more accurate, the book contains no discussion of the number of dropouts because of grades. At last report, the insistence that only one percent of the student body would be graduated within five years had been abandoned; the administration is now willing to admit that the proportion may be as high as one in five.

Of course, steps were taken to counteract the adverse effects of the above frightening statements. The new "Facts" features a full page photograph of a beautiful California beach scene, typical of the spots to which Tech students flock each spring.

Aside from the above-mentioned innovations, however, the new edition is practically the same as the old. Many of the pictures and all of the descriptive material has been taken straight over from the old edition to the new.

Little asks for addresses

Work has begun in the preparation of the 1955-1956 Little T. Of particular importance is the revision of the student roster at the back of the book. Anyone who has a change or correction in his address listing is asked to contact Dick Lewis in Bicketts.

Six Caltech students receive scholarships to study abroad

Two Caltech undergraduates and four graduates have been awarded educational exchange grants under the Fulbright Act for the 1955-56 academic year. John J. Domingo and John L. Barham, both Caltech seniors, will use their Fulbright grants at the University of Innsbruck in Austria in the field of biology.

Daniel J. Collins, who is working for a master's degree in mechanical engineering, will spend the year at the Technical University in Munich, Germany.

Mark F. Meier, now working for a master's degree in mechanical engineering, will study for the year at the Technical University in Munich, Germany.

Ray M. Sachs, candidate for a PhD in biology, will do advanced work in plant physiology at the University of Parma, Italy.

Vincent J. Gualtieri, now working for a master's degree in mechanical engineering, will study for a year at the University of Paris.

All students receiving Fulbright grants are selected by the Board of Foreign Scholarships, members of which are appointed by the president. The grants provide transportation abroad, tuition and generous allowances for a year's board and lodging.

Tech chemist visits Europe this summer

Dr. Robert B. Corey, professor of structural chemistry at Caltech, has been awarded a $2500 travel grant by the Royal Netherlands Foundation for overseas visits to scientific meetings in Europe and Australia this coming summer.

To Italy

Dr. and Mrs. Corey will go to Paliana, Italy, where he will attend the Antonino Bastelli Conference on Macro-molecules of Organisms from July 28 through August 3. From there they will fly to Australia for the International Wool Textile Research Conference in Melbourne. Dr. Corey received his B.Chem. from Cambridge and his PhD from Cornell in 1931. He joined the Caltech Chemistry Department in 1937. The collaboration with Dr. Limus Pauling, who was also a Caltech alumnus, led to a series of investigations toward the understanding of the molecular structure of proteins.

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2:30: This is curfew time for the girls arriving tomorrow for the three-day holiday.

6:00-8:00: Morse has invented a fine new party meal, including such foods as baked ham with pineapple, sourdough bread, coleslaw, and just plain relaxing in the sun.

2:30: This is curfew time for the girls arriving tomorrow for the three-day holiday.

5:00-7:00: A special meal will be served in Blacker House dining room for those guests whose rooms are being vacated for the new occupants. Anyone else who would like to bring a date to this meal is very welcome.

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Tou Bets elect Bodenstein president

The Caltech chapter of Tau Beta Pi elected its officers for the next year at a meeting held last May 11. Chuck Bodenstein was elected president of the organization and Ray Orbach was chosen as secretary-treasurer. Paul Erkelin was elected to the office of recording secretary and Ray Weymann was unanimously elected corresponding secretary. Paul McHorse was unanimously elected treasurer and Dick Johnson was chosen as cataloguer.

FACTS ABOUT CALTECH (Continued From Page 1)

Typical-hi-tech Picture of a large group of students congregate
to the steps of Throop Hall being doused with water thronwn from a window above. Hardly a person left at Tech can remember ever seeing so many people on the steps of Throop, much less under the conditions pictured.

The social program remains one of the big attractions. It is pictured, of course, as one gay whirl of events, from the big first term dance with Scottig straight through to the last term, finally op with a round of dances, dinners, and parties. Naturally every student also partakes of a fund of athletics such as the Interhouse bowling competition.

Thus is the new "Facts About Caltech." It will evidently continue to be useful to a discussion.

GLASSSHEETS

Little Man on Campus

by Dick Ludder

"My date was polite, considerate, and intelligent—but I'm glad to see that someone had a good time."

OPPENHEIMER REVIEWS

(Continued From Page 1)

a monograph by Dr. Millikan as anyone could want."

During his brief stay on the Caltech campus, Oppenheimer joined the Los Angelenses on Princetonian theory, the field of physics in which he is presently interested, and he is preparing a research paper upon returning to the Institute for Advanced Study at Princeton. He stated, "We are trying to find out (a) what plasma theory predicts, (b) what it can do and (c) what needs to be added to it, since it is not sufficient as it stands."

Dr. Oppenheimer joined the Caltech faculty in 1929, the year of his degree. Dr. Millikan, in charge of research at Los Alamos, is a writer resident in the Institute for Advanced Study. Dr. Oppenheimer.•

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Frosh win league swim meet as varsity nabs third

Rees grabs three to pace frosh win

The frosh swimming team took top honors in a thrilling conference finals by squeezing out a narrow 3 point margin over Oxy. The seldom beaten Clarke Rees grabbed three blue ribbons in the finals and set a pair of new meet records as he was easily the outstanding entrant. His first victory came in the individual medley as he won in 2:36, over ten seconds better than the previous record. The second of his records came in the 440 yard freestyle when he again topped the existing record by over ten seconds. He completed his day's work by coasting to an easy win in the backstroke.

Vince Taylor grabbed a first in the 100 yard freestyle, a second in the 220 and a fourth in the 440 to add 14 big points to the Tech total. Don Wiberg completed the Beavers' list of individual wins by coping the breaststroke. The medley relay team of Bob Smoak, Wiberg, and YDurs, scared three when he again topped the existing record by over ten seconds. He completed his day's work by coasting to an easy win in the backstroke.

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Pomona repeats as meet champs

The Beaver swimmers ended their season by taking third in the conference meet. Pomona won the meet with 81 points. They were followed by Oxy with 62, Tech with 42, and, tied for last, Redlands and Whittier with 33.

The outstanding performance of the meet was by Whittier's Jerry LaFonte who set new conference marks in the individual medley and the breaststroke. His time of 2:22.3 in the breaststroke was almost ten seconds under the old record and one of the best times posted in the nation this year.

Tech took second in the medley relay and third in the freestyle relay. Dick Johnson took third in the 220 and fourth in the backstroke. Ed Park nabbed fourth in the 50 and sixth in the 100. Bush was fifth in both the 50 and 100.

By Bill Davis

Frosh nine lose

Tech's frosh baseball team came within a hair of upsetting Oxy's yearling club. Fielding the game down a half of the eight when with one out, Dick Waggenseller singled and Warren Furumoto walked. Barry walked to load the sacks and Koontz came through in the clutch to blast a double to left center field to clear the bases. Koontz scored on a hit by Weymann.

The last inning brought more excitement to an action-packed gamb as Farmer singled for Redlands to load the bases when the Beaver infield tied up on a foul by Tony Howell account ed for a good part of the scoring.

Horseiders triumph 7-6

Coming off of their thirteen game losing streak, Caltech's varsity baseball team, pinned by Redlands last Saturday, 7-6. After trailing in the first inning, 1-0, the Beavers exploded for five runs after two were out. A triple and a single by Jim Koontz accounted for two. A triple and a single by Jim Koontz accounted for two.

Jim Koontz scored when Ed Nelson smashed a line drive to left field which the fielder obligingly dropped. Another Beaver run materialized in the fifth inning when center fielder Ed Barry walked, stole second, and scored on a single by Jim Koontz.

Redlands rallies

Both teams scored once in the seventh inning, the Beavers' run coming on a comedy of errors by the Redlands infield. Redlands' all star lefty, Ron Shilling when they scored four quick runs before two were out on two walks and a hit. Behind now by two runs, the Beavers mounted a seventh inning drive which the Beavers tied up on a foul by Tony Howell accounted for a good part of the scoring.

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Tech table tennis tournament finally approaches conclusion

The first table-tennis tournament ever held at the California Institute of Technology (Caltech) is one of ten awards presented to undergraduates by the Department of Analytical Chemistry, present for rounds this week. Several rounds of elimination have been run off, and the competition is now narrowed down to ten men, who are still open to challenges.

The tournament was instigated at the beginning of first term by Alien Black. In its initial form it was a double ladder for undergraduates and a separate ladder for grad students and faculty. Interest ran high at first but later declined, and during second term the contest was reorganized among the undergraduates by the establishment of an elimination tournament.

Fifteen undergraduates took part, and no small array of ping-pong talent was represented. Jim Tyler had won first place in a Pasadena tournament and a second place in an Eastern tournament. Jerry Fried and Ray Orbach had won firsts in Phoenix and Los Angeles, respectively. Tran Truong had beaten the UCLA champ, and Barrios had beaten the runner-up in the U.S. national.

The eight men remaining in the tournament are Jim Lloyd, Bill McLaughlin, Orbach, Truong, Matthews Tyler, John Bailey, and Don Taylor. The latter four are open to challenges by any student who has lost a match before or who has not participated at all. Challenges should be made by Sunday.

The finals will consist of a round-robin, each player taking part in seven matches and will be run this weekend.

Honorary degree to Dr. Gutenberg

The degree of Doctor of Philosophy, honoris causa, will be conferred this month on Dr. Beno Gutenberg, professor of geophysics and director of the Seismological Laboratory at California Institute of Technology, by Uppsala University, Sweden.

Professor Gutenberg has contributed greatly to geophysics through his investigations of the structure of the earth and its crust, seismic waves, the structural differences between continents and ocean bottoms, and the magnitude of earthquake shocks.

Feynman and Brown to talk at lunch clubs

Professor Richard P. Feynman will talk on "My Invitation to Moscow" at the Fresh Lunch Club on Thursday. Only recently, this invitation to several American scientists was discussed widely throughout the nation, in press articles and in news commentaries on the air. In the Alhambra, Wednesday, Professor Harrison Brown will speak to the Graduate Faculty Lunch Club on "Mortality and Fertility in India." As a result of his recent trip to India, Professor Brown has been able to observe conditions there and arrive at some very interesting theories as to what the future holds for this part of the world.

Tuesday noon at the training table Blanding Sloanee, a renowned Pasadena artist, will make "Composition and the Artist," his topic of discussion in addressing the Undergraduate Lunch Club. Sloanee will show the various stages a commercial artist goes through in creating a picture.

DuBridge will talk on uses of radar

Dr. L. A. DuBridge, president of Caltech, will give this week's Friday evening demonstration lecture, "Radar in Peace and War," in 201 Bridge at 7:30 p.m. Dr. DuBridge, president of the Institute since 1946, served during the war as Director of the Radiation Laboratory at MIT. There he was in charge of radar research and development. Since the war he has served on science advisory boards for the Air Force, Army, Navy, and Atomic Energy Commission and is now chairman of the Science Advisory Committee of the Office of Defense Mobilization.

Tom Westwood to talk to CCF Friday

This Friday the Caltech Christian Fellowship will conclude its series of Friday noon little studies.

Tom Westwood, who has the usual alert game, started chasing the runner in hopes of tagging him. As the runner was already in the dugout, Furumoto calmly trotted back and tagged the plate, at which the umpire called the man out, and the Redlands bench erupted. Mobbing the umpire and calling for a hanging, the Redlands team, batboy and all, tried to talk him out of his decision to no avail. With conditions almost back to normal, Weymann calmly struck the last batter out to end the game.

HORSEHIDES (Continued from Page 3)

high bounder which Weymann passed ball by catcher Furumoto. As the runner was already high bounder, Furumoto calmly struck the ball out to end the game.

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Black given chem award

The Armed Forces Chemical Association Award was presented to Myron Black on May 4, 1955. Dr. Ernest H. Swift, professor of analytical chemistry, presented Black the scroll and medal in recognition of his outstanding record in academic, extracurricular and military activities at Caltech.

The award is one of ten awarded nationwide to cadets in all branches of the AFROTC program to encourage interest in military service and chemical warfare.

Black is a member of Tau Beta Pi and Beavers, and is president of Blacker House.

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