

The California Tech

California Institute of Technology

Volume LVIII

Pasadena, California, Thursday, April 4, 1957

Number 21

Sex lectures open with film

The 1957 version of the Caltech sex lectures opened last Thursday night with a film, shown in Culbertson Hall, and smaller group discussions in the student house lounges. Tonight's final session will begin at 7:30 in Culbertson with a panel discussion of the participating psychiatrists.

Big T, Tech offices open

Nominations for the offices of Big T Editor and California Tech Business Manager were opened at the meeting of the Board of Directors last Monday, April 1, and will remain open until the meeting of the Board on the coming Monday, April 8.

Anyone interested should place a note in the K box in Dabney and be present at the Board meeting.

The only persons nominated as of Monday, April 8, were Reed Saunders for the office of Big T Editor and Dave Leeson for the office of Tech Business Manager.

Elections will be held Thursday, April 11, 1957.

Lisle offers fellowships

The Lisle Fellowship is offering a number of fellowships for travel in Asia, the United States, and the USSR.

The fellowships are available to anyone over the age of 18 who is interested in the cultural opportunities of this travel. Applicants may choose the country they wish to go to. Applicants for a given country will then proceed to that country as a group. The tours usually start sometime in June. Part of the cost of this travel is met by Lisle Fellowships, the amount being determined by the financial need of the applicant. Anyone interested in further information should contact Dr. Gilbert in Dabney Hall.

Folk dance festival set for Saturday

The annual International Folk Dance Festival will celebrate its tenth anniversary with a gala performance of lively folk arts from twenty nations Saturday evening, April 6, in Philharmonic auditorium.

Schottisches, czardas, horas, kopaks, jigs, reels, and squares will succeed each other on the Philharmonic stage as ethnic groups demonstrate authentic national dances.

The cast, a "who's who" in the world of international dance, includes Eva Cserhalmai, prima ballerina from the Budapest opera; flamenco sensational Luisa Triana, soon to be seen in MGM's "Les Girls"; Devi Djia and her Bali-Java dancers; the show-stopping "ballet jazz" of Archie Savage; and Egypt's dance idol Omnik Sahakian in his U. S. stage debut.

Tickets, ranging from \$1.25 to \$3.50, are still available at the Philharmonic Auditorium, box office, Michigan 8401 or Southern California Music Company, 737 South Hill St.

Theological students in houses next week

Dinners, discussions on schedule for next week's conference

Five theological students from California seminaries will live in the student houses all of next week while taking part in a YMCA sponsored program consisting of small group dinners with students and faculty on Wednesday, a panel discussion in Dabney lounge on Thursday, and many informal discussions.

The five will stay in rooms vacated by delegates to the model U.N. Their stay is being financed by the Danforth foundation.

The YMCA will distribute brochures giving detailed information about each man tomorrow.

Jack Biersdorf

A congregationalist from the interdenominational Pacific School of Religion in Berkeley, he is 26 years old. He was student body president of Washington State in 1952, where he received an A.B. degree. He is a Marine veteran, and while at Caltech he will stay at Blacker.

Douglas Owe

From the Southern California School of Theology in Los Angeles, a Methodist oriented but interdenominational school. A.B. from Occidental, 1952. Aged 25. He is youth pastor at the Neighborhood Congregational Church in Pasadena. He will stay at Fleming.

Jack Jennings

Aged 25; now studying at the San Francisco Theological Seminary in San Anselmo, a Presbyterian school. His interests are preaching, music and psychology. He received his A.B. degree in 1953, from Lewis and Clark University. He will stay at Dabney.

Roger H. Wood

Stanford A.B., 1948, LL.B., 1952. Member of the state Bar. He is presently studying at the Church Divinity School in Berkeley, which is an Episcopal school. His interests are preaching and church administration. He will be a guest of Ricketts House.

Sanford Regins

A graduate of UCLA, he is now a freshman at the California branch of the Hebrew Union College. He was a member of the student legislative council at UCLA, and chairman of the model UN. He led "Project India in 1955," a Ford Foundation sponsored good will tour. He will stay at Dabney.

SCOREBOARD

BASEBALL

Whittier 20, Tech 3 (Frosh) Tech won by default from La Verne, 9-0
L. A. Pacific College 13, Tech 2 (Frosh)
Pomona-Claremont 7, Tech 4 (13 innings)
Pomona-Claremont 8, Tech 1 (6 innings)

SWIMMING

Tech 45, Redlands 40
Tech 55, Redlands 30 (Frosh)
L. A. City College 51, Tech 35

TENNIS

Tech 8, Whittier 1
Tech 4, Whittier 3 (Frosh)
Tech 77, Whittier 54
Whittier 83, Tech 38 (Frosh)

GOLF

Pomona-Claremont 33, Tech 3

BOD

Board to choose S-F subcommittee

Next Monday the ASCIT Board of Directors will choose a subcommittee to the Student Faculty Relations Committee. This subcommittee will concern itself with the problems of curriculum and educational policies from the student viewpoint.

Those interested in serving as members of this committee have been requested by the BOD to attend Monday's meeting, at which time they will be screened and appointed. Any students who feel that there are problems arising from the present curriculum or educational policies of the Institute are invited to apply; they need not be present on the Student Faculty Relations Committee. This subcommittee will report to the S.F.R.C. at a later date concerning student feelings with respect to course plans, prerequisites and requirements, and general policies.

Tonight the psychiatrists will answer the written questions submitted by the students. Following the discussion, the audience will again break up into groups in the student house lounges for discussions led by the psychiatrists. Each of these discussions is open to all Caltech students regardless of house affiliation.

This year's sex lectures are sponsored by the health service and were organized by Dr. Richard Webb, medical director of the health center. Participating psychiatrists were Dr. John Weir, Dr. Thomas Dorr, Dr. Karen Monsour, Dr. Warren Jones, and Dr. Daniel Siegel.

Four films on for Y series

Four films are scheduled by the Y film series for next term, to be shown in Culbertson at 7:30 Sunday nights.

The series will offer the following films: April 7—"Little World of Don Camillo," a comedy starring Fernandel and Gino Cervi; April 21—"Red Shoes," a film based on a story by Hans Christian Andersen, starring Moira Shearer, Anton Walbrook, and Marius Goring; May 12—"Laura," a murder mystery starring Dana Andrews, Gene Tierney, and Clifton Webb; and May 19—"Cry the Beloved Country," a drama starring Canada Lee, Charles Carson, and Sidney Painter.

Series tickets are priced at \$1.25 and single tickets at 45 cents. Series tickets will be sold by film committee members at the Y office, or at the door.

EE's WILL MEET

All junior and senior EE's are invited to hear the presentation of student papers from "surrounding" colleges on Tuesday, April 9.

Meals at the AIEE Atheneum dinner before the presentation will be supplied gratis by industry representatives. See Marcia in Dr. McCann's office before Monday noon for details.



Dr. Ray Untereiner, evening speaker at Alumni Seminar, April 6.

Alumni, wives to attend Seminar Day at Tech

Saturday, April 6, 400 Caltech alumni, their wives and guests, will attend the 20th Annual Alumni Seminar at Caltech, which will include sports, demonstrations of scientific equipment and talks by Caltech authorities on viruses and cancer, floods, radio astronomy, political science, and aeronautics.

The morning program features the following topics and speakers: "Viruses and Cancer," Harry Rubin, senior research fellow in biology; "Floods! Are We Prepared?" by Norman H. Brooks, assistant professor of civil engineering; "Life at a Quarter Millions G's" by Jerome Vinograd, research associate in chemistry; "Broadcasts from the Stars" by John G. Bolton, senior research fellow in physics and astronomy; "New Cars and New Politics" by the Commission.

James C. Davies, professor of political science; and "Revolution in Aeronautics" by Clark B. Millikan, director of Guggenheim Aeronautical Laboratory.

The afternoon program will be devoted to a symposium on "The Next Hundred Years," the speakers being James F. Bonner, professor of biology; John R. Weir, associate professor of psychology; and Chester M. McCloskey, executive director, Industrial Associates.

At a dinner the same evening at the Pasadena Elks Club the alumni will hear an address by Dr. Ray Untereiner, Commissioner of California Public Utilities Commission and Caltech faculty member currently on leave of absence. His subject will be "California Utilities and the Commission."

DOUBLED AND REDOUBLED

by Kay Sugahara

This is another of the hands from the Intercollegiate Bridge Tournament. It is one of the more elementary hands but perfect play is still required to make the contract. The hand:

North
S-K 10 5
H-7
D-A K J 2
C-10 7 6 4 2

West
S-A Q 8
H-K Q 9 5 4
D-Q 3
C-9 8
South
S-J 7 6 3
H-J 6 3
D-9 8 5 4
C-9 8

Dealer: South

Vulnerable: Neither side

The bidding is rather straight-

forward with west ending up at four hearts. North opened the king of diamonds and followed with the ace. When the queen dropped on the second round, he continued with the jack to force the declarer to trump in his hand. (If pressed for a lead it is usually good practice to make the declarer trump in his hand. This is true because most of the time the declarer has a longer trump suit than dummy and he doesn't gain anything by trumping with his long trumps. He will get them anyway. Also you might set up a trump trick for your partner. It is not good to let the declarer trump if he has fewer trump in the closed hand than in the dummy or if he will get a rough and a slough.)

West trumps the third diamond lead in his hand. He has already lost two diamond tricks

The Barfly

by

Ed Shuster and Kay Sugahara

This week's drink falls in the general class of "groggs" i.e. rum, water, and ice. Our variation is called "Navy Grog."

NAVY GROG

1 oz. Bacardi Rum
1 oz. Jamaica Rum
½ oz. Demarara Rum (160 Proof)
½ oz. Puerto Rican Rum
Juice ½ Lemon
Juice ½ Lime
1 tsp. Sugar
Dash of Bitters
Plain Soda to taste

Shake and pour over ice. Garnish with orange slice and cherry

This drink requires choice rums which probably run beyond the pocketbook of the casual drinker. However, we recommend that you try Tweedees during the cocktail hour, 5 to 6. Their bartender has demonstrated his skill in whipping up this drink and besides they throw in appetizers.

If you happen to be around the Beachcombers in Hollywood or the Huddle in Inglewood you can also step in and try a good one.

Needless to say one or two of these is sufficient for the average drinker. It is very much recommended if you wish to forget it all and get away for a couple of days.

Note: When at Tweedees ask for a Dr. Funk. Its main ingredient is also rum but in addition it contains Creme de Licorice. It's perfect for rum guzzlers and licorice lovers.

Welcome!

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in the Old Dorm

Hours: 8:5-30 Price: \$1.50

Phone: Ext. 212

Two Barbers on Monday & Friday

Audience

'Family of Man' opens at LA Muny March 27

The most complex art installation since the opening of Los Angeles' Municipal Art Gallery is being undertaken for "The Family of Man" photographic exhibit which opened there March 27.

Sent here from San Francisco three weeks in advance of its opening in Frank Lloyd Wright's modern gallery atop the hill in Barnsdall Park, the 500 photographs in the display come in an amazing variety of sizes and shapes.

Oneness in theme

The basic "oneness" of people throughout the world is the theme of this vast display of work by 273 photographers in 68 different lands. The title, "The Family of Man," comes from a Lincoln quotation mentioned by famed poet-biographer Carl Sandburg.

He draws the trumps and
(Continued on page 3)

corner of Vermont Ave. and Hollywood Blvd., "The Family of Man" begins with the theme of individual love and ends on a note of hope for love between all peoples. Lovers, marriage, childbirth and early years, toll, recreation, joy in family life, the dignity of later years, the hurt of pain and the sorrows of death—all are mirrored in their universal aspects throughout the world.

Unusual displays

Several of the pictures form special sequences, displayed in unusual ways. One, a series on pregnancy, childbirth and early nursing, is housed in a circular area 12 feet in diameter, which is completely enshrouded in gauze-like draperies that lend a special softening character to the lighting and also serve to set aside this intimate sequence from the general run of the pictures.

Another group is known as the "World," and is a series of pictures of children playing the same game in many lands. The pictures have been hung on a circular framework nine feet in diameter, but only about three-and-a-half feet high, and thus of perfect size for viewing by children.

Many countries represented

Typical of the approach was the fact that the best picture of "jitterbug" dancing came from a German photographic school, that a crowd of nuns provided the most dramatic picture of the universally-played game of "ring-around-the-rosy," and that an Indian boy from Peru, playing a wooden flute, was chosen as the "theme" picture to underscore the note of optimism and the universal melody of human action pictured in the exhibit.

Opening Wednesday, March 27, "The Family of Man" will be on view from 1 to 9 p.m. every day through May 5. Admission will be 50 cents for adults and 25 cents for students and children from 6 to 12.

John Lango

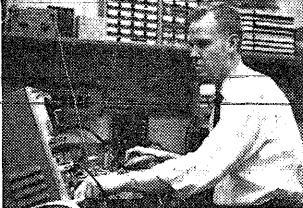
"What's it like to be

A RESEARCH ENGINEER AT IBM?"

Two years ago, college senior Robert Thorpe asked himself this question as he worked toward his E.E. at the University of Toledo. Today, an Associate Engineer in the Applied Logic Group of IBM Research, Bob reviews his experiences and gives some pointers that may be helpful to you in taking the first, most important step in your career.

ment of a system containing both analog and digital components. Bob still works on this project—toward a completion date of April, 1957.

Shortly after this program started, Bob joined the Applied Logic Group.



Plotting transistor characteristics

the administrative side, or to Staff Engineer, the technical side of Research. "Either way, I'm sure I'll get ahead," Bob feels. "Electronics research is really on the move at IBM. We have about 600 people at Poughkeepsie now, as against 56 in 1950. We'll need some 1,700 before 1960 to help staff a new research laboratory at Yorktown Heights, Westchester County, N. Y."

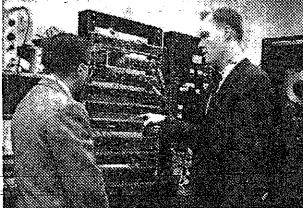
What does he like best about IBM? Probably the fact that he's so much "on his own." "There's no 'over-the-shoulder' supervision," he says. "You schedule your own program and create your own 'pressure.' And, if you



Promoted in fourteen months

Here, he was concerned with research in new areas of computer technology—for example, cryogenics and high-speed memories. Bob studies systems which operate on "real time," and his immediate problem is to analyze and synthesize closed-loop sample data systems for the control of complex data processing.

Asked what his most interesting assignment was, Bob replied, "My



New areas of computer technology

work on a digital-to-analog converter with a high degree of sensitivity and accuracy. This strictly electronic converter, with transistors, combines both digital and analog circuitry. It was a tough problem, and a fascinating one."

What does the future hold?

At the present time, after two years in IBM Research, Bob is more than enthusiastic about his future. He plans to continue in systems study and to develop "a more sophisticated approach." Two lines of advancement are open to him: to Project Engineer,

feel the need for more education, IBM provides every facility for continued study. Besides the voluntary training programs, there are excellent afterhours courses offered by the IBM Department of Education. And you have a chance to work toward advanced degrees—at IBM expense."

IBM hopes this message will give you some idea of what it's like to be an E.E. in Research at IBM. There are equal opportunities for E.E.'s, I.E.'s, M.E.'s, physicists, mathematicians, Liberal Arts majors, and Business Administration graduates in IBM's many divisions—Product Development, Manufacturing Engineering, Sales and Sales Assistance. Why not drop in and discuss IBM with your Placement Director? He can supply our brochure and tell you when IBM will next interview on your campus. Meanwhile, our Manager of Engineering Recruitment, R. A. Whitehorn, will be happy to answer your questions. Just write him at IBM Corp., Room 590 Madison Ave., New York 22, N. Y.



INTERNATIONAL
BUSINESS MACHINES
CORPORATION

Harriers take Poets; Luke scores double win

Coach Bert LaBrucherie's varsity track team handily beat the Whittier Poets, 77-54, last Saturday at the loser's field.

The Beavers wound up by taking twice as many firsts as the Poets, and swept the 880 to boot. The only blemish for the Crown City boys was the hurdles, where they gained but four points in the two events.

Chuck Luke was the only double winner for Tech, winning the javelin at 179' and the discus at 115'. Tony Leonard, the big, powerful sophomore, led the Beaver sweep of the half, winning in 20.28. Mike Rusch was second, and Bob Emmerling, after triumphing in the mile, came back to take third in the shorter event. Ron Forbes and Danny Wulff took the only individual events. Forbes won the 440 in 52.0 while Wulff took the two-mile in 10:43.6.

Tech walked away with the field events, outscoring Whittier 38-18. Dick Van Kirk became the first team member to break 22 feet in the broad jump in many a moon. Van Kirk won the event in 22' 1 1/4". Gordon Barienbrock and Larry Kraus tied for first in the high jump at 6' while Bob Norton took the pole vault at 10' 6".

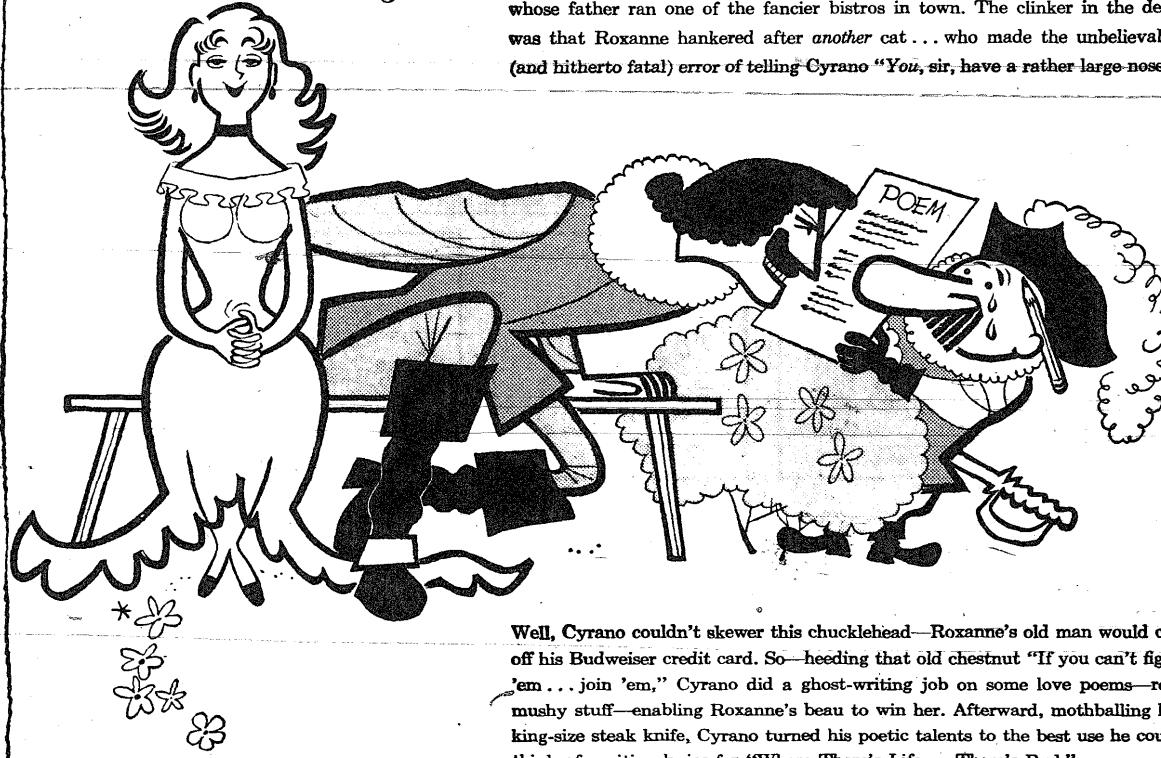
Despite their loss, the Poets produced two double winners in Ron Tebbs and Len Peden. Tebbs took both the 100 and 220, while Peden won both hurdle races, the 120 highs in 16.4 and the 220 lows in 25 flat.

This Saturday, the Beavers

(Continued on page 5)

CYRANO AND SYMPATHY

(or) Dead Pan Alley



Well, Cyrano couldn't skewer this chucklehead—Roxanne's old man would cut off his Budweiser credit card. So—heeding that old chestnut "If you can't fight 'em... join 'em," Cyrano did a ghost-writing job on some love poems—real mushy stuff—enabling Roxanne's beau to win her. Afterward, mothballing his king-size steak knife, Cyrano turned his poetic talents to the best use he could think of: writing lyrics for "Where There's Life... There's Bud."

MORAL: It's not necessary to "nose around" for the best in beer... it's waiting for you at your Budweiser dealer's now.

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From The Pit

by Steve Emanuel

P-C hands golfers third season loss

The golf team dropped its third straight match of the year to a strong Pomona-Claremont squad last Friday. However, it made the best showing to date.

Ed Shuster had a good day and managed to hit the scoring column with a sharp 74. Pete Abbey also looked good in defeat, narrowly dropping his match. On the whole the team is improving and can be expected to give the rest of the conference opponents some good competition. They are striving to repeat their second place finish of last year.

Tomorrow the team steps out of the conference for a return match with Loyola of Los Angeles at the Brookside links. The powerful Loyola squad beat Tech at L. A. Country Club, but the Beavers hope to do better on their home course.

Frosh tennis team edge out Whittier

Last Saturday, the frosh tennis team met Whittier here. Caltech's narrow victory, 43, was marred by upset defeats of the top two men, Walsh and Butterfield.

The match consisted of five singles and two doubles, due to Whittier's inability to scrounge up a sixth man. The other three singles were won by Carl Morris, John Bard, and Martin Carnoy. The frosh won one doubles match for their fourth win of the day. The team of Walsh and Bard won, while the team of Morris and Butterfield lost. Tuesday, the frosh played a practice game with Webb school.

Caltech is known throughout the world for its research in science and engineering. But in the SCIAc, it is also noted for its swimming team, one of the finest for miles around. Just how many miles will be decided tomorrow when Webb Emery's men meet the Occidental Tigers in a dual meet that could very well decide whether or not the Beavers win the conference championship for the second year in a row. The meet now stands a toss-up, with neither team having a significant edge over the other.

Tech is a bit unbalanced in the freestyle events but then so is Oxy. Clark Rees, who has been breaking records ever since his freshman year, will be one of the strongest hopes for first places. Rees's latest effort was a 2:18 220 yard freestyle against LACC last week. This was a new conference individual record. Don Owings is one of the best breaststrokers in the conference. His 2:34.9 against LACC in the 220 is one of the fastest times in the conference this season. Bob Smoak in the backstroke and Bob Blandford in the butterfly are also being counted on for points tomorrow.

This could very well be one of the best home meets of the year. Anyone who didn't see Tech win the championship last year won't want to miss the meet tomorrow. It'll be worth seeing, so I strongly advise everyone to be at Alumni pool at four tomorrow and see some of the finest swimmers in the league.

As a prognosticator, your editor makes a good spectator. Having predicted in last week's paper that the Whittier track team would take most of the field events, the Beavers came through and took the high jump, pole vault, broad jump, javelin, and discus; the Poets' lone victory came in the shot put. Dick Van Kirk's winning broad jump of 22' 1 1/4" was the most notable, being a mere five inches from the school record of 22' 6 1/2".

Baseballers, you will notice a distinct lack of news about your sport. This is not because we do not like baseball, not because we don't appreciate your efforts, but because no one wrote the story. Next week we'll have baseball up the kazoo, with pictures, stories, and everything. Don't worry, you're not forgotten.

MORAL: It's not necessary to "nose around" for the best in beer... it's waiting for you at your Budweiser dealer's now.

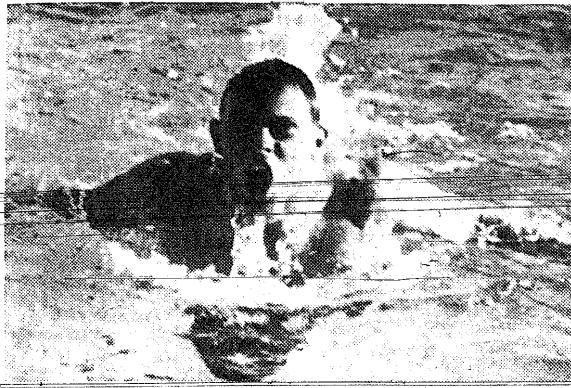


Photo by M. Carnoy

Bob Blandford, Tech swimmer, is shown thrashing his way to the finish line in the 200 butterfly.

Tech mermen beat Redlands, lose to LACC in close meets

Caltech, defending conference champion swimmers, coasted to a 45-40 win over Redlands last Thursday. Despite the closeness of the score, the Beavers won with no sweat and little close competition. Don Owings and Clark Rees turned in credible performances in the breaststroke and 220 freestyle, respectively. None of the other members of the team were pushed to any outstanding exhibition.

Bright spot of last Friday's meet with LACC, was Clark Rees' conference individual record in the 220 freestyle. He won over LACC's Starbird with a time of 2:18.0. Starbird and Lugosi paced LACC to a 51-35 win. Lugosi won the 50 and 100 free and Starbird won the 440 free. Tech's 400 medley relay team of Smoak, Owings, Blandford and Velinty turned in a surprise win with a time of 4:21.1.

Tomorrow, at 4:20, Oxy comes here in a varsity and frosh meet in Tech's first real test in a conference meet. Next week, Caltech travels to powerful Fullerton JC.

CALTECH VS. REDLANDS

400 medley relay
Smoak, Owings, Blandford, Velinty CT, 4:28.8

220 freestyle
Rees CT, Kough R, Boling R, 2:24.1

50 freestyle
Peters R, Brown CT, Kupfer R, 2:56

200 butterfly
Blandford CT, Miller R, Thomas CT 2:48.7

Diving
Tipton R, Pjerrou CT

100 freestyle
Peters R, Kupfer R, Brown CT 57.3

200 backstroke
Smoak CT, Kough R, Milder CT 2:44.2

400 freestyle

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Poets defeat frosh ball, 8-2

The freshman baseballers handed their first League game last Wednesday to the Poets from Whittier, giving up a total of 18 bases to balls. Final score was 20-3.

The extremely underranned team (10 suited up) had to stick with starter John Walsh as the speedy southpaw suffered an inexplicable loss of control after racking up five strikeouts in the first two innings. The Poets picked up 15 runs on two hits in the third off Walsh, Dave Blakemore, and Sam Trotter, who finished the five-inning game.

The lone bright spot for the Beavers was catcher-pitcher-third baseman Dave Blakemore, who powered a run-scoring triple and a line single in three times up.

The triple came in the first inning, scoring right fielder Bill Smith from second. Shortstop Herm Hartung gave the Beavers a temporary two-run lead with his infield grounder.

After the third-inning farce, the team picked up its last run

Netters win at Whittier

Caltech overpowered Whittier's tennis team, 8-1, last Saturday afternoon at Whittier. Caltech registered decisive wins in 5 out of 6 singles, but faltered momentarily in the doubles.

The results were as follows: Bernie Mueller (CIT) d. John Avila (W) 6-4, 6-1; Dick Ehrhart (W) d. Frank Cormia (CIT) 2-6, 6-3, 6-2; Dave Yount (CIT) d. Peng Lim (W) 6-1, 6-1; Tom Hays (CIT) d. Jim Daugherty (W) 6-1, 6-3; Bob Tokheim (CIT) d. Phil Alvarado (W) 6-1, 6-2; Read Warriner (CIT) d. Bill Farrell (W) 6-4, 6-4.

Doubles: Cormia-Mueller (CIT) d. Avila-Ehrhart (W) 4-6, 7-5, 6-4; Yount-Hays (CIT) d. Lim-Alvarado (W) 6-0, 6-1; Tokheim-Warriner (CIT) d. Daugherty-Farrell (W) 6-4, 4-6, 6-1.

on outfielder Bob Golden's single and first baseman Lance Wallace's double.

	1	2	3	4	5	R	H	E
Whittier	0	4	15	1	x	20	4	0
CIT	2	0	0	1	0	3	5	6

Next game is Saturday at Oxy.

SPORTS CALENDAR

Friday, April 5
GOLF Loyola at Caltech, 1:30
TENNIS Caltech at Santa Barbara, 2:30
SWIMMING Occidental at Caltech (V. & Fr.), 4:20
Saturday, April 6
TENNIS Caltech at Cal Poly of San Luis Obispo, 10 a.m.
BASEBALL (2) Occidental at Caltech, 12:30
TRACK Caltech at Redlands (V. & Fr.), 1:30
BASEBALL Caltech at Occidental (Frosh), 2:15
Monday, April 8
GOLF Caltech at Whittier, 1:30
Wednesday, April 10
SWIMMING Caltech at Fullerton, 4:00
BASEBALL Westmont at Caltech, 4:15

FROSH TRACK

(Continued from page 4)

Laderman tied for first in the pole vault. Also scoring for the Beaverbabes were Keil, second in the 440 and third in the 220; Gottschall, second in the 120 highs; Clark, second in the 880; Hoffman, third in the 220 lows; Magie, third in the discus; and a new man on the team, Lee Hood, third in the broad jump. Tech's makeshift relay team of Hood, Clark, Holland, and Keil came in second.

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EASY CONTEST RULES

FIRST PRIZE

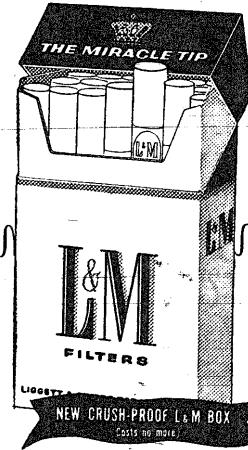
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"The New Crush-proof Box named Jack:
is for me!"

It closes so tight,
Keeps my L&M's right,

"I go for the L&M Pack!
It's so handy to tote,
In my shirt or my coat,

Get Full, Exciting Flavor
Plus the Pure White Miracle Tip

Live Modern smoke L&M

America's fastest-growing cigarette

Secretary's Report

FARRAGO

The Board gave tacit consent to the proposals of Lango, Robkin, and Scholtz that they originate a new magazine under the joint sponsorship of ASCIT and the Humanities Department. With this consent was included the recognition of the death of Farrago. The new magazine will solicit material from not only undergraduates, but also graduates, Faculty, and employees of the Institute and its affiliates. The criteria for acceptance of material will be, in general, real literary quality and originality. A clearer and more lengthy statement of the policies of this magazine can surely be had from the Editors. Anyone interested in writing anything of a literary nature should certainly get in touch with one of the above named people.

ADVISOR SYSTEM

Bill McClure is planning a complete program for publicizing the Advisor Program, primarily to the freshmen, but also to the Advisors and upperclassmen. If this publicity of the present system does not produce a real improvement of the system by the end of Fall Term this coming year, the Board will examine the entire program with an eye to making changes in the program itself. Student opinion as to improvements which could be made will be sought at that time.

BIG BANDS COME TO CALTECH

Tony Forrillo claims that through various devious methods he will be able to obtain the MGM Studio Band for the Friday night dance of the Lost Weekend. Tony will have more glowing details of this band, but the evening, it seems, will also include a personal appearance by Billy Mays!!!

COMING ATTRACTIONS FOR NEXT WEEK

The stunning and almost unheard of appearance of no less than twenty (20) guests at last Monday's meeting combined with a formidable list of topics for discussion at the meeting this coming Monday prompts me to print here a preliminary agenda:

Budgets have been submitted and will be discussed.

Pleas for money from all interested organizations will be entertained.

The Board will discuss the general issue of changes in curricula and educational policy with the idea of appointing a committee of interested students to study this issue.

The ASCIT Board Party will be discussed.

I would be more than pleased to see as large a gathering of guests this coming Monday as last Monday. Everyone is welcome. This would be a good meeting just to watch the Board in action under stress.

Mike Godfrey
ASCIT Secretary

IT'S FOR REAL! by Chester Field

SPRING



"I beg your pardon, pretty Miss,
But would you give me one small kiss?"
"And why should I do such a thing?"
"Because, my dear, today it's spring
Because there's romance in the air
Because you are so very fair!"
"There's a lot in what you've said.
Okay, kiss me... go ahead."

MORAL: Faint heart never won real satisfaction in smoking. If you like your pleasure BIG, smoke for real—smoke Chesterfield. Packed more smoothly by ACCU-RAY, it's the smoothest tasting smoke today.

Smoke for real... smoke Chesterfield!

\$50 for every philosophical verse accepted for publication. Chesterfield, P.O. Box 21, New York 46, N.Y.

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The many inquiries into the identity of the lass who sent last week's letter to the editor seems sufficient excuse for printing her picture. Read next week's Tech for further clues to the identity of Maggie Harrington.

California Tech

Editor-in-chief—Bob Walsh
Managing Editor—Dave Leeson
Night Editor—Jim Conner
News Editor—Jim Wilkinson
Feature Editor—Mike Milder
Sports Editor—Steve Emanuel
Audience Editor—John Lango
Business Manager—Ed Park

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LETTERS

Editor, The California Tech:

I am dissatisfied with Caltech. Although I haven't been here long, I have had, as I suppose most freshmen have, many impressions of Caltech. I dislike the way the Institute runs our lives. Now, I have been told that students exercise a greater degree of freedom here than at almost any other school. In certain areas this may well be true. However, there are some matters which do inevitably fall to the authority of the administration, and with which I do find fault.

The first of these is the pressure exerted by the faculty. Each professor attempts to work his students to their capacity, which for Caltech students, is pretty large. This is entirely justifiable in that we came here to learn. Coupled with this is a certain aloofness on the part of the faculty which is also justifiable in that it is necessary in order to preserve "proper" student-faculty relations. However, the cumulative effect of these, under the study load Tech students have to carry, is enough to get even the best of students down. Furthermore, the problem is aggravated by the fact

that the faculty as a whole makes no effort to relieve these tensions. The net result is that the most important part of college life, the academic program, is pretty much of a grind.

The second point with which I take issue is that there is nothing representing a final responsible authority in the fields of both curriculum and student relations. Apparently the hierarchy both begins and ends at the level of faculty committees. One consequence of this is the lack of integration among the various departments. In a college such as Caltech, which is devoted for the most part to science, a greater degree of organization should be possible. Any freshman will tell you that the first-year course is especially bad in this respect. Another consequence is the mess which is the housing situation. It is my opinion that the administration has not been sufficiently sympathetic with the situation of the "left out" students. Thus it is that matters concerning students which do fall to the authority of the administration are handled inefficiently.

William Mock

A Campus-to-Career Case History



Planning for growth. Joe Hunt (left) talks with Jim Robinson (center), District Construction Foreman, and O. D. Frisbie, Supervising Repair Foreman. In Joe's district alone, 600 new telephones are put into service every month.

"I'll take a growing company"

70,000 telephones to keep in operation... \$20,000,000 worth of telephone company property to watch over... 160 people to supervise—these are some of the salient facts about Joe Hunt's present job with Southwestern Bell. He's a District Plant Superintendent at Tulsa, Oklahoma.

"It's a man-sized job," says Joe, who graduated from Oklahoma A. & M. in 1949 as an E.E. "And it's the kind of job I was looking for when I joined the telephone company."

"I wanted an engineering career that would lead to management responsibili-

ties. Moreover, I wanted that career to be in a growing company, because growth creates real opportunities to get ahead.

"But to take advantage of opportunities as they come along, you must have sound training and experience. The telephone company sees that you get plenty of both. Really useful training, and experience that gives you know-how and confidence. Then, when bigger jobs come your way, you're equipped to handle them."

"If I had it to do all over again, I'd make the same decision about where to find a career. Now—as then—I'll take a growing company."

Joe Hunt is with Southwestern Bell Telephone Company. Interesting career opportunities exist in other Bell Telephone Companies, and in Bell Telephone Laboratories, Western Electric and Sandia Corporation. Your placement officer can give you more information about these companies.



BELL
TELEPHONE
SYSTEM