

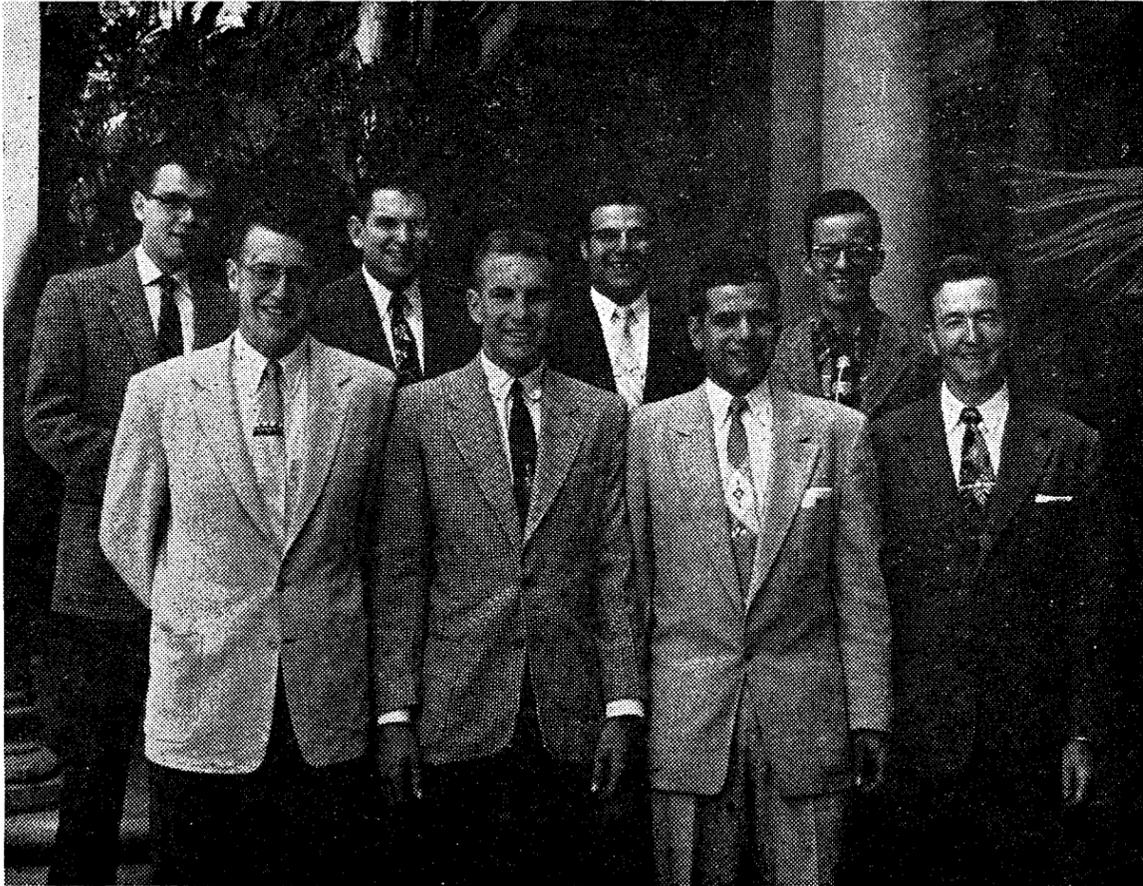
The California Tech

Volume LVI

Pasadena, California, Thursday, April 14, 1955

Number 23

Speech team wins top honors



Victorious Caltech speech team: (top row) John Young, Kube Moulton, Mike Bleicher, Bill Lindley, (bottom row) Andy Perga, Gene Cordes, Ray Orbach, and Dr. Lester McCrery, speech team coach.

Techmen win national award; tops in Redlands tournament

The Caltech speech squad topped off the year's achievements by winning the ranking of top men's team in the United States at the Pi Kappa Delta national tournament held at the University of Redlands last week.

Techmen received superior awards in three of the four events held: debate, extemporaneous speaking, and discussion. Tech was awarded 21 points, of 23 possible, a higher ranking than any other collegiate men's team entered.

The teams of Mike Bleicher and Rube Moulton, and Gene Cordes and Andy Perga shared honors in debate. Each team participated in four rounds. Cordes and Perga lost one round, while Bleicher and Moulton were undefeated, thereby winning for Tech one of the five superior awards given by the tournament judges.

Ray Orbach was awarded a superior rating in extemp after four rounds of speaking on NATO and related topics. In the extemp contests, contestants were given an hour to prepare, and asked questions by the judges at the conclusion of their talks.

In panel discussion Bill Lindley received the highest ranking given, thereby taking the third superior award for Tech. The topic of the four round progressive-style discussion groups was: "How can the American educational system best meet the needs of our society?" Earlier this year Lindley took fourth place in discussion at the Western States tourney held at Tucson, Arizona.

In the oratory, or prepared speech, contest, John Young was ranked in the top fifty per-cent of those participating, and received a rating of good. Each contestant in oratory spoke four times. Young's speech was entitled, "An Arrogant America."

The national Pi Kappa Delta tourney is held once every two years. In 1953 the convention was held at Kalamazoo, Michigan, where Bob Ryle of Tech copped a superior award in oratory. This year is the first time in Caltech history that more than one award of superior has

(Continued on Page 6)

Frosh workers headed by Kirk make trip to T

Last Saturday morning 42 freshmen left the Student Houses to give the T on Mount Wilson its yearly cleaning. Led by Dick Kirk, president of the freshman class, the work party cleared out the year's growth of brush and trenched the T to prevent erosion. Kirk was assisted in planning the trip by Zach Martin, frosh secretary.

Dusty trip

Eight cars were needed to take the frosh up to the T. The private road up the mountain was opened with a key given Kirk with the rangers' blessings for the expedition, and the caravan, amid much dust and radiator steam, soon deployed at the top of the T.

The frosh then realized just how tough a job they had ahead of them. The T is laid out on a 2:1 slope, and stands about a hundred yards high. These difficulties, however, were overcome by the frosh, and they set to work with picks, shovels, and brush-hooks to put the T back in shape.

Communication

Hams Andy Perga and Bob Polansky organized a communications system to observe the work from Caltech and to guide the crew by radio in straightening out erosion damage. When smog rolled in to conceal the T from the campus, a remote unit in Altadena relayed information by telephone to the Hamshack in T-2. From there, Perga radioed the data to Polansky on the T.

Alumni to visit Tech campus for Seminar Day Saturday

The eighteenth annual Caltech Alumni Seminar Day will be held on campus this Saturday, April 16. The program will include lectures by various members of the faculty during the day, a water show at the pool in the afternoon, and a dinner with a talk by Dr. Robert M. Hutchings, President of the Fund for the Republic, Inc.

Starting off the program of lectures in the morning at 9:30 is "Chemical Hay for Mechanical Horses," by Dr. Peter Kyropoulos, associate professor of mechanical engineering, and "French Distrust of Uncle Sam," by Dr. Dan Piper, assistant professor of English.

At 10:50, the visitors will have their choice of two more lectures; "The Size of the Universe — Today," by Dr. William A. Baum, staff member, Mount Wilson and Palomar Observatories, and "Aromas of the Past," by Dr. A. J. Haagen-Smit, professor of bio-organic chemistry. At 11:55, two more lectures will be given; "Conquering the Microwave," by Dr. Lester M. Field, professor of electrical engineering and "Vegetation — Green Guardian of Erosion," by Dr. Henry Hell

(Continued on Page 6)

Board makes appointment

Dave Allen and Dick Lewis were appointed co-editors of the 1955 edition of the Little T at the ASCIT Board of Directors meeting held last Monday night. At the same meeting, the Board appointed Arne Kalm student chairman of the 1955 Students' Day program.

Editors of the Little T work over the summer so that copies of the Little T are available at frosh registration early in the fall quarter.

'All about Eve' first movie on Sunday series

"All about Eve", starring Bette Davis, is the opening attraction on the YMCA film series which starts next Sunday at 7:30 p.m. in Culbertson. Admission is 35 cents per person at the door.

Featured with "All about Eve" are a cartoon documentary, Walt Disney's "The History of Aviation"; and "Rooty-Toot-Toot," a UPA cartoon.

Winner of six Academy Awards including the Oscar for the best production of 1950-51, "All about Eve" deals with the rise of a young actress to stardom. The film costars Ann Baxter, Celeste Holm and George Sanders, who was named best supporting actor of the year for his performance. Darryl Zanuck produced and Joseph L. (Barefoot Contessa) Mankiewicz directed.

Other films on the series this term are "Tight Little Island" on May 1 and "Viva Zapata!" on May 15. "Tight Little Island" is the 1950 British comedy about a whiskey shortage on a Scottish island. "Viva Zapata!" features Marlon Brando as a Mexican revolutionary hero, in one of his first starring roles.

Students to bid \$150 farewell

President L. A. DuBridge has announced that tuition for undergraduate and graduate students at Caltech has been raised from \$600 to \$750 annually.

The increase, voted last week by the Caltech Board of Trustees, will become effective in September, 1955. It was dictated, Dr. DuBridge said, by the need for additional funds to meet rising costs, and particularly to sustain improvements in the faculty salary scale.

Scholarship funds have also been increased, Dr. DuBridge announced, so that students who qualify for scholarship aid may receive larger grants than before.

The cost of attending Caltech remains relatively low. Practically every other major private institution is now charging between \$750 and \$1000.

Dr. Perry lambasts Burns-Chapel Bill; broad implications for future engineers

by Russ Hunter

Six days ago Dr. Thomas Perry, a practicing Los Angeles pediatrician who lost many of his professional contacts as a result of a session with the Burns Committee, tore into the Burns-Chapel Bill which is before this session of the California Legislature.

Dr. Perry was a Harvard undergraduate, then went to Oxford as a Rhodes Scholar and finally took his MD at Harvard. Since then, his entire practice has been in the LA area where he has been on the staff of the Children's Hospital and on the faculty at USC. When the Burns Committee was in Los Angeles

in September to probe into alleged communism in medicine, they called Dr. Perry to the stand where he refused to answer the committee's questions. As a result, he was chopped from the SC faculty and lost his position on the staff of the Hospital.

In a speech sponsored by the Caltech branch of the Federation of American Scientists at an atheneum luncheon, Perry set to shredding this partial amendment of the Federal Constitution. Although not a Federal action it, amounts to partial repeal of the Fifth Amendment, and a selective slicing of civil rights.

The crucial passages are: "An act to add Section 13 to the Business and Professions Code, relating to persons licensed under any provisions of said code and disciplinary proceedings with respect to such persons. . . ."

It shall be the duty of each licensee who may be subpoenaed by a United States Congressional Un-American Activities Committee or a subcommittee thereof or a California Legislative Un-American Activities Committee or subcommittee . . . to appear . . . and answer under oath a question or questions propounded by any member or counsel

(Continued on Page 6)

California Tech

Editors-in-Chief—Dick Hundley and Marty Tangora

EDITORIAL STAFF

News Editor—Dick Kirk

Assistant News Editor—Al Farley

News Staff.....Frank Albini, Bill Hecht,

John Price, Gordon Reiter, Ed Park

Feature Editor . . . Frank Kofsky

Feature Staff.....Ernie Dernberg, Jerry Fried, Jay Glasel,

Howard Hilton, John Howell, Bill Purves, Stu Richert, John South,

John Young, Bob Deffeyes, Russ Hunter, John Velman

Sports Editors—Bill Davis and Jim Mebust

Sports Staff.....Howard Bloomberg, Mike Duke,

Paul Farley, Arne Kalm, Don Lewis, Bob Walsh

Photographic Staff.....Stu Bowen, Kim

Cranney, Joe Lingerfelt, Tom Taussig

BUSINESS STAFF

Business Manager—Jim Lewis

Assistant Business Manager—John Bailey

Circulation Manager—Ed Park

Entered as second-class matter Nov. 22 1947, at the Post Office in Pasadena, California, under the Act of March 3, 1879.

Kudos

A pat on the back to our forensics squad. For several years Caltech has had an excellent record in debate and the other aspects of forensics. A national championship, though, is a little more than we expected. A pat on the back, too, to Dr. McCrery, who has done a top-notch job with the team.

Another pat on the back goes to Gil Beebower, our choice for Wit of the Week. Gil points out that Dr. McCrery will be leaving Tech this June, just after his biggest success. Last year Soccer Coach Bob Huttenback left us just after he had won his third straight soccer championship.

Maybe, Gil suggests, Bert LaBrucherie is afraid to win a game.

Secretary's Report

The Board of Control

The Board of Control has noticed a growing problem in the incorrect GPA calculations by the registrar's office. Since it is important that the correct figure be on the records, the Board urges that each student check his GPA and report any inaccuracy.

The Board of Directors

In a complete disavowal of precedence, three innovations came out of the last Board of Directors meeting: a spring awards feast, a jazz assembly, and a central campus bulletin board.

This year for the first time all award winners will be invited to a steak feast and awards presentation. As a spring counterpart to the fall sports banquet, this new feature will include not only athletes, but all who have earned awards, including honor key winners and forensics men. The event will take place in Tournament Park Sunday afternoon, May 29. With a recreation period followed by the awards presentation and a steak dinner, the program is intended to add something special to the usual awards assembly, and help to tie together the various active groups. Cost will be borne by the participants.

For the biggest assembly in years, the ASCIT will overshoot the rally budget to get a bargain price on one of the top progressive jazz groups. Arrangements are being made to bring Howard Rumsey's Lighthouse All-Stars here Thursday, April 28, for a morning assembly. Although the \$120 fee will dip \$50 into the dwindling contingency fund, the Board felt this event would help revive the assembly program. Although this time the cost prohibits an evening assembly, the Board will consider this idea and other variations of the assembly program dependent on the response to Rumsey.

At least some of the clutter on campus will be attacked as a result of a forthcoming (probably) Buildings and Grounds project with ASCIT cooperation. The clutter is the mess of scattered announcements and sloppy, weather-beaten posters. The solution is a permanent glassed-in bulletin board. B&G directors have offered to plump several hundred dollars into a suitable board if students cooperate by posting announcements on it rather than around the campus haphazardly. The project yet needs final approval by the Board of Trustees, but present plans call for two boards across the walk from each other between Engineering and Guggenheim near the east driveway.

Its importance to the student body lies in its value as a more effective means of publicity for campus events. Next year all organizations will be able to post announcements in one central location. The Board has assumed responsibility for maintenance; the cooperation of the student body—by using the bulletin board for announcements and by referring to it—will be necessary to make it effective.

—Tom Bergeman

Campus Brewins

"Why is a mouse when it spins? Because the higher it flies, the much."

Bill Davis

Phlegm's house cleaning

Not even the Mad Hatter could have recognized Fleming House after Senior Ditch Day. Felipe Ferrel was greeted by a mound of dirt topped by a tombstone engraved with "In Ferrel's Field the poppies grow." When M. Boughton returned, he saw his room "through the looking glass"—SIDEWISE! The furniture was wired to one wall, and even the door was hinged at the top. To George McDonald went the crowning insult. He left with his room in the usual condition. The Frosh were so taken back by the disarray that they made his bed and hung up his clothes.

A tape recording expressing Frosh-disrespect of Seniors in general fell into upperclassmen's hands, and by a strange coincidence, all Frosh concerned discovered plugged drain-pipes in their rooms.

Malville profaned

Extra! Extra! Kim Malville has learned about life. Kissless

after several dates with a Scripps philosopher, innocent Kim lowered his P.S. 3 points (to 96) on a single date with an uninhibited PCC girl. Long live Sunday night square dancing!

Sunny Sonny

The Beak has been suspiciously watching happenings in one Frosh roomin Ricketts L. D. One Nelson from Phoenix spent the weekend sunning himself at Palm Springs, or so he told his roommate. Said Van Kirk could not understand the red splotches on his pillowcase until Sonny explained he cut himself shaving. Girlish giggles earlier in the day cause us to doubt Sonny's veracity.

Mistaken identity

Captin Zorn's pet stooge, Brumberg, possibly has eliminated a couple tough points on his semi-infinite purity score.

After being taken out to coffee by Below and date, Howie decided to help Below see his femme to her door.

Out of said door popped the younger sister of aforementioned girl. Romeo Bloomberg, having never seen the damsel before,

swiftly gathered her into his arms, kissing her right now.

Hunter rides again

Before his retreat for Senior Ditch Day, Darb Paalman (well-known for his vast address collection of German babes) set up two flasks of tear gas to go off as the door was opened. (Ahh . . . Those Chemists . . .) The undaunted Whitehouse managed to get in through the closet and disengaged the diabolical mechanism. The Beak is proud to say that Paalman redeemed himself at the Dabney-Ricketts-Troop Barn Dance in a classic bird-dog maneuver. Let it suffice to say that he went to the dance stag, but left the area with feminine company, at her request, with her original date driving. Which one of the three was the crowd, Hunter?

Tail wags dog

Ex-Prexy Wagenseller didn't fare quite as well as his colleague. Upon being informed later that his (blind) date had been previously married—FYB Jashke—all he could say was "But she was sweet . . . boy, what a body!" Watch out for those big bad married women, Wag.

A Campus-to-Career Case History



He keeps up with 440,000 customers

"I used to think accountants wore green eye shades and sat on high stools," John Merrick will tell you. "That's before I started working in a modern accounting department.

"I trained for about a year and a half in different phases of telephone accounting. Then I was placed in charge of the section which maintains telephone service records. I have more than 60 people in my group with four supervisors reporting to me. Our job is to keep a running record of monthly charges for 140 exchanges in Central

Massachusetts. That comes to 440,000 different customers.

"Customers expect their bills on time and they want their charges to be right. So on my job my primary concern is to maintain constant and rapid production and at the same time keep our work accurate and reliable. One of the best ways to do this is to be sure that 'the right person is on the right job at the right time,' an old cliché. But I found it works and it gives me a chance to use my Sociology training since it means handling all sorts of personnel situations."

John finished Bates College in 1952 with a degree in Sociology, and started with the New England Telephone and Telegraph Company. His work is typical of many assignments in the Bell telephone companies. The opportunities open for college graduates with other operating companies of the Bell Telephone System are many and varied—also with Bell Telephone Laboratories, Western Electric and Sandia Corporation. Your Placement Officer has full details.



**BELL
TELEPHONE
SYSTEM**

MECHANICAL DESIGN ENGINEERS NEEDED FOR BERKELEY AND LIVERMORE LABORATORIES UNIVERSITY OF CALIFORNIA RADIATION LABORATORY

Positions available for qualified mechanical engineers: The Radiation Laboratory at Berkeley and Livermore employs over 100 mechanical engineers engaged in the design of a wide range of equipment for use in fundamental and applied scientific investigation.

This work includes nuclear and thermonuclear test devices and instrumentation, high energy particle accelerators, ultra high speed cameras, large scale high vacuum equipment, devices for remote control in high radiation fields, equipment for remote handling and processing of radioactive materials, and accessory equipment for nuclear reactors.

Organization is on a project basis with close contact between engineers and scientists and the extensive laboratory shops. Emphasis is not on designing for production manufacture. The work calls for an understanding of principles and ingenuity rather than the application of standard practices. The projects of the laboratory include practically all aspects of nuclear engineering.

Inquiries should be addressed to: Professional personnel office, University of California Radiation Laboratory, Berkeley 4, California.

Ricketts wins debate trophy; decide Caltech system best

by John Velman

Is there too much emphasis on GPA at Tech? Does the average Tech student spend too much time thinking about what grade he is getting in a course, rather than how much he is learning? These were some of the points contested last Wednesday night when Ricketts met Blacker in a challenge debate for the Lincoln Debate Trophy.

Blacker defended the trophy by debating the affirmative of the question, "Resolved: The grading system at Caltech should be revised." Ricketts refuted the points of the affirmative well enough to win the trophy, but failed to convince all three of the judges. The judges voted two to one in favor of Ricketts.

The Blacker debaters suggested that the present system is poor in that there is too much pressure on the student to get good grades, and as a consequence he worries about his grades rather than the pursuit of knowledge. It was maintained by the affirmative that when a Tech student is taking a difficult course he frequently develops some system for getting a good grade without really understanding the subject. As a solution to this problem they proposed the Reed College system of grading. At Reed, the student never knows his grade in a course or his exact GPA until after he graduates. A faculty advisor works in close contact with each student and tries to help him solve his personal academic problems. At Reed, if a student feels he isn't doing well, he can go to his advisor for help, but isn't under the compulsion to get a good GPA that he would find at Tech.

The Ricketts team contended that the pressure on the student brought about by the present system is good, that he will be under pressure to produce results after he graduates, and that the pressure he encounters at Tech to produce grades is excellent training for future jobs. They maintained that regardless of system, good grades cannot be obtained at Tech without an understanding of the subjects.

As for the Reed College plan, the negative suggested that it wouldn't really change anything, but that the difference in atmosphere between Reed and Tech results more from the subject matter taught at the two schools than from the grading systems. They also pointed out that a closer student-advisor relationship could be established without changing the present grading system.

Although this debate was won by the negative, the subject itself probably won't be closed for a long time. If you haven't made up your mind yet, you will undoubtedly have plenty of time to hear the opinions expressed in many discussions on campus, both among students and faculty.

ME option meeting due

Freshmen are urged to attend the mechanical engineering option meeting to be held Thursday, April 21, at 11 a.m. in 206 Engineering. Professors Hudson and Sabersky will discuss various aspects in the field of mechanical engineering.

Following this general meeting, students who wish to do so may arrange individual conferences with Professors Hudson and Sabersky, who are consultants for the mechanical engineering option.

New directors elected for Y

The YMCA Board of Directors for this year were elected at a meeting held at 7:00 p.m. Thursday, April 7 in the new Y Lounge in T-1. The eight directors were chosen from the faculty, business, and service organizations.

Selected from the faculty were Dr. James Davies, Dr. George Mayhew, and Dr. Peter Kyropolous. Bob Coates, who was selected by the Pasadena Junior Chamber of Commerce as Young Man of the Year in 1951, and Charles Robinson, a Caltech alumnus are the representatives of business on the board.

Members of service organizations elected to the board were Walt Raitl, Y secretary at PCC; Alden Mosshammer, minister of the First Congregational Church; and Paul Johnson, a Caltech alumnus who is a Professor of Mathematics at Occidental College.

IAS will tour wind tunnels at next meeting

Anyone interested in aeronautics is invited to the meeting of the Institute of Aeronautical Sciences next Monday night, April 18, at 7:15 p.m. The attraction is a tour of the wind tunnel facilities of the Guggenheim Aeronautical Laboratory (GALCIT). There is a large number of wind tunnels in GALCIT; the group will see several of them, including the hypersonic tunnel, capable of producing flow velocities ten times the speed of sound; the transonic and noise tunnels.

Members of the GALCIT staff will be on hand to describe the equipment and to answer questions.

The purpose of the IAS is to provide programs in the field of aeronautics and to provide people interested in aeronautics with an opportunity of meeting fellow students, members of the faculty, and representatives of the aircraft industry.

This tour of GALCIT is being arranged to give people a chance to get acquainted with IAS. Since officers for the coming year are to be elected in the near future, new members are particularly welcome at the tour.

KRAUS MOTOR COMPANY

Volkswagen — Porsche
Authorized Dealer

Service on All Foreign Cars
Special to All Caltech Students
and Faculty:

A FREE 6-MONTH LUBRICATION
CARD FOR ANY FOREIGN CAR.
COME IN AND GET YOURS

1987 E. Colorado SY. 2-2189
Pasadena RY. 1-5496

MUSICAL SHORTS

by Stanley Grotch

One week ago, in response to the requests of a determined group of music enthusiasts, Dr. Daryl Dayton, Associate Professor of Music at Pomona College, inaugurated the lecture series, "Understanding Music." The attendance of Tech students and friends was phenomenal, far surpassing even the most optimistic estimates.

Dr. Dayton was faced with the somewhat difficult task of explaining music to an audience which differed widely in its knowledge of the subject. He seemed to solve the problem beautifully. His lecture, which was highly informative, was presented neither as a kindergarten talk nor as a snow job (a rather rare phenomena in most courses at Tech). To some rather fine recorded musical illustrations, he added his own interesting and somewhat witty comments. It was incredible what he managed to cover. All in all, it provided a very profitable hour of listening to some fine music (not sound, you hifi-natics), with an excellent discussion as to the reasoning behind such music.

I would like to throw in a word of caution here. In a series of eight, one-hour lectures, it is rather difficult to even barely scrape the surface of the merest fragment of the field of music. We spend four years learning about science here, and look how far we get! One must therefore take care not to raise his expectations too high. Don't feel cheated if Beethoven's life is described glowingly with the erudite statement, "1770-1827". Although the series makes no pretense at being comprehensive, it does provide a marvelous introduction to the subject.

It is rather obvious that these lectures may simply be the prelude to the establishment of a music course in the Humanities Division. In the past, arguments have been raised against such a course on the grounds that the diversity of knowledge about music was too great and that interest was lacking. Both of these arguments were brutally squelched last Thursday. However, the enthusiasm shown for one lecture does not insure that the course will follow. As one faculty member put it, "Good attendance will not guarantee the course but poor attendance will certainly kill any possibility of having one." Heads I win, tails, you lose. See you there anyway — 7:30 p.m., Dabney Lounge — tonight.

Bacher to lecture on atomic energy

Professor Robert F. Bacher will speak on "Peaceful Uses of Atomic Energy" at this week's Friday evening demonstration lecture in 201 Bridge at 7:30 p.m.

Dr. Bacher will discuss the impact of the development of nuclear energy on industry and prospects for electrical power.

Caltech darkroom

Any undergraduate interested in having the present darkroom in the basement of the student houses rebuilt and furnished with new equipment should see Jon Robinson in Fleming 23.

Class nominations

Nominations for class officers for next year will be held by junior, sophomore, and freshmen classes next Thursday- April 21. Elections are scheduled for the following Thursday, April 28.

Why do more college men and women smoke VICEROYS than any other filter cigarette?

BECAUSE ONLY VICEROY GIVES YOU A PURE, NON-MINERAL, NON-TOXIC FILTER WITH 20,000 FILTER TRAPS IN EVERY FILTER TIP!

1. Yes, only Viceroy has this filter composed of 20,000 tiny filter traps. You cannot obtain the same filtering action in *any other cigarette*.
2. Besides being non-mineral and non-toxic, this cellulose-acetate filter never shreds or crumbles.
3. The Viceroy filter wasn't just whipped up and rushed to market to meet the new and skyrocketing demand for filtered cigarettes. Viceroy pioneered. Started research *more than 20 years ago* to create the *pure* and perfect filter.
4. Smokers en masse report that filtered Viceroy's have a finer flavor even than cigarettes without filters. Rich, satisfying, yet pleasantly mild.
5. Viceroy draws so easily that you wouldn't know, without looking, that it even had a filter tip . . . and Viceroy's cost only a penny or two more than cigarettes without filters!

That's why more college men and women smoke VICEROYS than any other filter cigarette . . . that's why VICEROY is the largest-selling filter cigarette in the world!



20,000 TINY FILTER TRAPS . . . plus Richer, Smoother Flavor

Beaver nine hits slump, drops two; Redlands 'crucial' coming Saturday

Ray Weymann's tremendous performance on the mound struck a bright note in the Beavers' otherwise uninspired team effort, as the Caltech nine dropped its second conference game 0-4 to the Whittier Poets. Heralded by Coach Preisler as Weymann's best hurling job of the year, the tall southpaw allowed four hits and three bases on balls as he gave up only one earned run.

Good as Weymann was, he was matched pitch for pitch by Dwayne Cole, strong right arm of the Poets. Cole shut the Beavers out with two hits, striking out 12 in the process. Weymann whipped the third strike past six of the Poets.

Mike Duke, ailing Beaver catcher, was sorely missed the first two innings as second stringer George Yankura committed four passed balls to let in two runs. This put the Poets in the lead to stay. Yankura overcame his early jitters to turn in a creditable performance for the last seven innings behind the plate and showed well with the bat, gaining first base two out of three trips to the dish. Warren Furomoto, who has been called in from second base in an attempt to fill in behind the plate, saw the game from the sidelines as he is still recovering from an attack of the flu.

Besides the four passed balls, the Beavers committed six errors in the field to contribute to the Poets tally. On one play, a

flyball to the shortstop, the Whittier player circled the bases to score standing up.

It was the lack of hitting plus what coach Preisler called "unwillingness to hustle all the time" that gave the Poets the edge in the game played Saturday, April 9, at Whittier's newly sodded field. This split the series between Caltech and Whittier, the Beavers having won the season's opener from the Poets in a free hitting game 8-6.

Ed Nelson and Ray Weymann collected the two hits for Tech, both singles.

Poly tips Tech

In a free scoring, six inning ball game, Caltech's varsity baseballers lost a 7-4 decision to Cal Poly of San Dimas. A combination of four hits and three errors gave Cal Poly five runs in the first inning and Tech could never overcome the lead. Although outhitting the visitors nine to eight, the Beavers did not bunch them except in the second inning when consecutive singles by Al Goldberg, Gene Nelson, Bill Moeur, and Ed Nelson scored two runs. In a typical Caltech finish, the Beavers loaded the bases in the last inning and were sorely disappointed when Hal Morris' long drive was pulled down by the Poly right fielder.

Hunt Holladay started on the mound for the homebreds, giving up six runs before retiring

in favor of Ray Weymann in the second inning. Weymann gave up one run in the next two innings. Al Goldberg supplied the biggest surprise of the game as he turned in two almost perfect innings from the mound, giving up just one base on balls while striking out two batters.

Score by innings:

	R	H	E
Cal Poly	5	10	7
Caltech	0	2	1

This Saturday, the horseholders travel to Redlands for their fourth league game. This game is a must for the Beavers if they hope to remain in the race for the conference title and Redlands will be no pushover.

One of the strongest teams Tech will face this year, Redlands has lost only one league game, 6 to 5 to Oxy, having first blasted Pomona 13 to 3.

Greenie sports

Seven runs in the first inning gave California Baptist an insurmountable lead as they defeated the Tech frosh 11-2 on the Caltech diamond last week.

Tony Howell started on the mound, pitching what was probably his best game this season. John Baker hurled the final inning, allowing only one hit.

Don Stocking scored from third on a passed ball in the first inning and Bob Walsh tallied the other Tech marker when he walked and scored on Dave Leeson's sacrifice fly.

Pasadena Nazarene will come

Ivy league graduate mentors frosh nine

by Howard Bloomberg

A new face in the Caltech coaching ranks is Dave Wilson, coach of the frosh baseball team. Dave is in his second year of grad school here at Tech and is majoring in the unique option of geological engineering; of course he's out at TP every afternoon handling the frosh reins. During the first two weeks of the season he coached the varsity while Preisler was busy with basketball. The freshmen, unsuccessful thus far this year, are an inexperienced team with the added handicap that not one member of the squad had done any

pitching previous to this year. Dave added that he has tried about five boys for mound duty and hopes that soon he can develop a consistent pitcher to bolster an otherwise strong middle.

Although it certainly will be a difficult task for him to mold the freshmen into a strong ball club, Wilson can meet the challenge with a back knowledge of tough going. After starring as an all around high school athlete, Dave went to war in the Pacific at the age of seventeen! He attended Princeton upon his release from the occupation forces in Japan, and there he



Dave Wilson, frosh coach, looking over his charges.

to the Tech field Saturday morning for a game which was postponed from last Saturday.

In tennis, the frosh defeated the San Dimas branch of Cal Poly 5-4. Saturday they play at Redlands.

Fleming tops Throop 13-0

Fleming scored two touchdowns in the second half to take a 13-0 win over Throop in the opening game of the interhouse touch football season, Monday.

Glenn Converse set up the first touchdown with a brilliant 60-yard return of the second half kickoff. He was finally caught on the five yard line and Bill Chambers passed to Horace Furumoto in the flat for the score.

Later in the half Chambers pitched out to Converse who threw a 30-yard pass to Jim Welsh in the end zone. Chambers swept around left end for the extra point.

Chuck Malone and Mike Staley were outstanding for Throop. The off-campus men drove inside the Fleming 15 in the first quarter but failed to score.

Touch football continues through the next two weeks before giving way to volleyball. Fleming and Ricketts, however, have a Discobolis volleyball match tomorrow.

hurled the javelin and played football. Wilson also played pro baseball for the Billings, Montana, Mustangs, in the Pioneer League in conjunction with his summer geologic field work.

The young coach, not yet 27, has been married for five years to Margaret (Tatsie) Conner and has two daughters, Katherine and Keating, who are daily visitors at TP.

Dave appreciates his opportunity to coach at Tech while studying here, and you can be sure no one is working harder to get a winning frosh baseball squad onto the field.

Racket squad blasts Waves

Coach Lamb's tennis squad was anything but meek last Saturday as it trounced Pepperdine on the loser's courts 8-1. The Beavers now sport an envious eight win two loss record for the year.

Four of the nine contests went the full three sets. Tech's only loss was in a three set dual between first man Al Yano and Reeve of Pepperdine. Reeve was victorious 3-6, 6-3, 6-1.

Toughest match of the day was between Tech's Dave Yount and the Waves' Sun. Yount cinched the match by winning a close third set. The score was 6-4, 2-6, 9-7.

Next Saturday the Beavers will be entertained by the league leading Redlands Bulldogs. The Techmen are now tied with Oxy for second and are pointing for an important upset in this crucial match.



Naturally...
because it's
Budweiser

Serving beer to your guests is simple
hospitality. Serving them Budweiser
is a gracious compliment...
because it's Budweiser... and
that's the difference.



WORLD'S
LARGEST
SELLING
BEER



Something more than
premium quality...
Budweiser quality!

ANHEUSER-BUSCH, INC.
ST. LOUIS • NEWARK • LOS ANGELES

Caltech Pharmacy

PRESCRIPTIONS

Dependable Registered Pharmacists

FOUNTAIN

BREAKFAST, LUNCH, DINNER

882 East California Street

SYcamore 2-2101

Pasadena 1, California

CARL'S

CALTECH BARBERS

906 E. California
SY 3-7554

Thinclads romp again

Conley throws 218 ft.

Phil Conley again broke his school javelin record as the Beaver varsity scored a convincing 83 $\frac{1}{3}$ -47 $\frac{2}{3}$ track victory over visiting March Field last Friday. Tech's depth was too much for the airmen as Tech took ten first places, and nineteen Beavers scored points.

Conley threw the spear 218ft. 3 $\frac{3}{4}$ in. to better his old mark of 216ft. 2 $\frac{1}{4}$ in. by more than two feet. The long heave came on Conley's last throw of the day, and enabled him to continue his steady improvement.

Wileman sprints

Roger Wileman ran the sprints for the first time this season, turning in 10.1 and 22.0 times, good for second in the 100 yard dash and first in the 220, respectively. John Lukesh, switching usual events with Wileman, took second in the 440 with a 51.8 clocking, right behind Tyler of March Field, who won in 51.6.

Rod Supple easily won the 880 in 2:07.3, and Fred Witteborn, similarly suffering from lack of competition, copped the mile in 4:46.3. Diminutive Dave Crowther led a Tech sweep of the two mile run, winning in 11:22.7. Loren Linstrom was second, and Jim Workman, running in his first meet of the season, took third after previously getting second in the mile.

Tyler jumps new high

Versatile Jim Tyler edged over 6ft. $\frac{1}{2}$ in. to win the high with his season's best effort. Tyler scored in five events as he took second in the broad jump and thirds in the 100, 220, and shot-put.

Don Taylor grabbed eight points with a first in the 120 high hurdles and second in the 220 lows. His time for the highs was 16.3; Simmons of March Field copped the lows in 25.3. Beaver Tom Trilling was third in both races.

Ted Lang flipped the discus 136ft. $\frac{3}{4}$ in. for first place, and Jim Lloyd got over 11ft. 6in. to win the pole vault. Lukesh,

Fullerton swamps Tech swimmers

Last Thursday at the Alumni Pool the powerful Hornets of Fullerton JC downed, or better yet, drowned the Tech squad. Jack Webb of Fullerton set a National JC record when he churned the 100 yard butterfly in 1:01.0, lowering the old standard of 1:03.0 by two full seconds.

Fullerton took every first place in racking up their 64-19 victory. Tech's only seconds were by George Madson in diving, Dick Johnson in the backstroke, Ross Brown in the breaststroke, and Bill Below in the individual medley.

The Beaver Frosh did little better in losing 55-20. Bob Smoak captured the only first place for Tech in copping the backstroke. Second places were taken by Vince Taylor in the 220, Wayne Smith in the 50, and Ron Leonard in the 440.

Varsity and Frosh teams both travel to Redlands tomorrow for their first conference meet.

Golfers bow to LA State

The golfers played host to L. A. State at Brookside Park last Friday, but were turned back by a score of 28-8. The Beavers put forth a valiant attempt, but were no match for the strong State team.

Paul Farley was the only winner for Tech, taking six points. The only other Beavers to score were John Bush and Jon Robinson, each taking one point.

The absence of Paul Lindfors hurt the team considerably again this week. He hasn't been seen since last week, when one of his tee shots disappeared in a jungle growth.

We hope he finds the ball by tomorrow when the rest of the golf team is scheduled to play Occidental at Brookside Park. This should be the teams chance to return to the win side of the ledger.

Sportingly yours,

by Bill Davis

Phil Conley's 218 ft. javelin throw brought him within a foot of Bob Kimball of Stanford who is currently holding down the second place position nationally. Lynn Green of San Jose State has a solid grip on first with his 231 ft. heave. Green improved from 208 ft. to 231 ft. in one week. Some jump.

Phil was voted Track Athlete of the Week for last week by the Track and Field Writers Association.

Looking over the NCAA release on outstanding performances Oxy seems to be well represented. They have 14 men listed in 10 events plus three relays. They are placed in every event but the javelin, high hurdles, 440, and 100.

Tab the Tech track forces to win handily over Redlands this

weekend. Redlands has three good men in distance man Byron Kough, sprinter hurdler Marion Sanchez, and sprinter Danny White. Redlands will probably take the shotput too, but superior Tech depth, especially in the field events should tip the scale.

The Beaver swimmers should take their first conference meet tomorrow by downing Redlands by about ten points. Tankmen should have trouble in the backstroke, diving, and distance free-style events.

With the team morale the way it is, I'm forced to pick Redlands to beat our horsehidors this Saturday. It's too bad that a team with such potential falls apart when they lose a game. Lack of hustle is the trouble, not coaching as some say.

Alumni Pool

The Alumni Pool will be open for institute use on Saturday, April 16, from 11:00 a.m. to 1:00 p.m. only.

PASADENA BOWLING LANES

970 East Colorado

Headquarters of Caltech Bowlers
Open 11 a.m. to 1 a.m. SY. 3-1341
Special Student Rate before 6 P.M.
except Sundays and Holidays
25c per line



Buy
CHESTERFIELD
Today!

Largest selling cigarette
in America's colleges



You'll SMILE your approval

of Chesterfield's smoothness—
mildness—refreshing taste.

You'll SMILE your approval

of Chesterfield's quality—
highest quality—low nicotine.

IN THE WHOLE
WIDE WORLD

NO CIGARETTE SATISFIES LIKE CHESTERFIELD

Your Nearest Laundry

SUDS-KISSED, Inc.

Authorized Westinghouse
Laundromat

Near corner of Lake and California

Dry Cleaning—Finished Laundry

Free Parking—S&H Green Stamps

24-Hour Laundry Drop

922 E. California St. SY. 2-2300

Geologists take to outdoors for annual field trip

by Dick Pratt

The annual geology spring field trip was a roaring success this year. The hardy troupe, led by Dr. Ian Cambell, wasn't even rained upon, although it was almost blown off the face of the Mojave Desert.

The trip started the Friday of finals week with a tour through the Sierra Nevada lead by T. W. Diblee of the USGS. The next two days provided an extreme weather contrast, a sweltering trek through Death Valley directed by Lauren Wright of the Calif. State Div. of Mines, followed by a cold-weather tour of the Molybdenum Corp. of America's unique rare-earths mine at Mountain Pass, California, led by Caltech's own Lloyd Pray.

On Monday, Glen Lasson of the U. S. Bureau of Reclamation and John W. Goode of the Nat. Park Service introduced the geologists to the marvels of Hoover Dam.

The trip ended with lunch and an inspection of the mining and milling operations of the Blue Diamond Gypsum Corp., arranged by H. L. Waldthausen, Jr.

DR. PERRY LAMBASTS

(Continued from Page 1)

of the committee or subcommittee. . . .

Any licensee who fails or refuses to answer under oath . . . any such question . . . shall be subject to disciplinary proceedings before the board or other agency within the department by which his license was issued and such board or other agency shall revoke the license if it is shown that the licensee has failed or refused to answer any question as hereinbefore required."

Morticians and

Among the 150 professions covered by the Code are: physicians and surgeons, architects, civil engineers, chemical engineers, electrical engineers, petroleum engineers and engineers-in-training. Refusal to testify before any un-American Activities Committee, state or federal, on any grounds, not just refusal to incriminate self but refusal to violate professional confidences or the common-law protected pact between husband and wife will result in mandatory license removal.

Since the papers announced that the Burns Bill was composed by the LA County Medical Association, Dr. Perry could only conclude that their action is a

move to shove liberals out of the professions where they carry the greatest weight for new ideas. He seems to see this as an element of the anti-low cost medicine fight with real implications for all professional people. He went on, saying that other people who support this action to circumvent the normal Constitutional amending process are out to disbar the lawyers who scotch the efforts of the loyalty mongers by defending the unpopular guys on the wrong side of the loyalty trials. He came back to the County Medical Association, accusing them of crushing the elements in their own profession which might support a move to health insurance and medical co-ops.

Finally, he objected to the action brought by this bill on purely civil rights grounds. It would hack at a part of the people, a clear violation of the principle of equality before the law. Even if applied to all, it is still wrong since the Fifth Amendment was cast to redress the balance between the individual and the state in the scales of Justice.

It seems very likely this bill will pass this Assembly unless a flow of spontaneous, informed letters give our Senators and Representatives a measure of our feelings.

ALUMNI TO VISIT

(Continued from Page 1)

mers, research fellow in biology.

The guests will have lunch in the student houses.

At 2:15, the final two lectures will be given; "Tropical Aquarium Fishes," by William H. Hildemann, who is a graduate teaching assistant in biology, and "Surprises Near Absolute Zero," by Dr. John R. Pellam, professor of physics.

At 3:30, everyone will gather around the Alumni Pool for the dedication. Kenneth F. Russell, President of the Alumni Association, will preside. Following the dedication, Tech Athletic Director Harold Z. Musselman will emcee a water ballet and diving program, which was arranged in cooperation with the Pasadena Athletic Club. The pool and gym will be open from 4:15 to 5:30 for those of the visitors who wish to take advantage of the facilities.

Dinner will be served at 6:30 at the Pasadena Elks Club. Following dinner, the main speaker of the evening will be Dr. Robert M. Hutchings, who will speak on "The Sources of National Strength." Dr. Hutchings is former Associate Director of the Ford Foundation, and now President of The Fund for the Republic, Inc.

SPEECH TEAM

(Continued from Page 1)

been received by Tech at this tourney. The 21, of a possible 23 maximum points, received by Tech, mark the all-time best tournament record of any Caltech speech team.

The key figure in the outstanding performance of Tech teams this year is Dr. Lester L. McCrery, who is making this his final year at Tech. Next year he will be teaching in Bend, Oregon.

Pi Kappa Delta, the national honorary forensic fraternity, represents 33 states, 171 schools, and 28,000 members throughout the nation. More than 90 percent of the member chapters were represented at Redlands. Bill Lindley is president of the Caltech chapter, California Gamma.

Caltech will be represented at one more contest this year: the annual Occidental Tournament of Peers on April 23.

CAMPUS BARBER SHOP
In Old Dorm
Where Everyone Is Welcome
Paul A. Harmon

Gay weekend seen for houses

The student house's social programs for this weekend include two decoration dances, two bowling parties, a party-party, and an exchange.

Fleming and Throop are joining forces to put on a South Seas Dance Saturday night. Johnny Bright's Hawaiian Band will sing as well as play for dancing. The couples will be dressed in South Seas costumes.

Blacker has chosen a Haunted House theme for its dance in Blacker lounge Saturday night. Harvey Eagleson will tell ghost stories to highlight the evening. Music will be provided by a small combo.

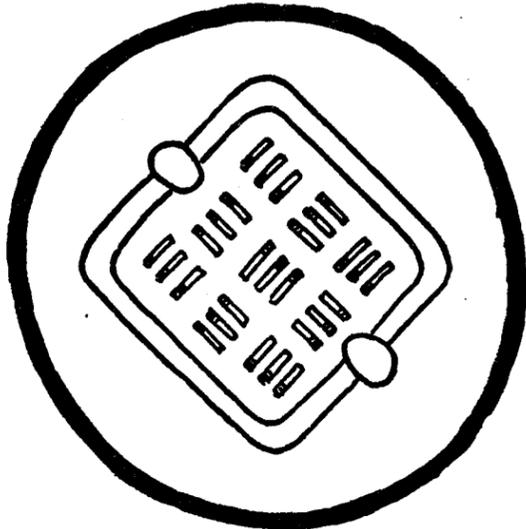
Dabney will have one of its well-known party-parties Saturday night. The theme is "Heaven or Hell," but there is secrecy as to just how the theme will be carried out. "Sophisticated Swing" will be the theme of Dabney's Friday night exchange with Oxy.

The men of Ricketts will try something they haven't done for a couple of years — a bowling party. It will last from 7:00 p. m. to 9:30 p. m. Saturday at the Pasadena Bowling Lanes. Afterwards there will be dancing and refreshments in Ricketts lounge.

Throop in addition to the South Seas Dance with Fleming, will combine with Dabney in their exchange with Oxy at Dabney house on Friday night.

LUCKY DROODLES! ALL BRAND NEW!

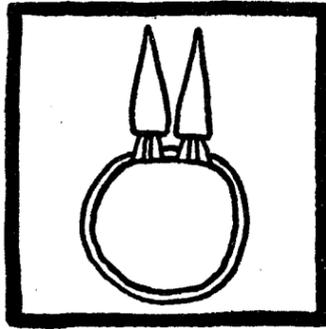
WHAT'S THIS? For solution see paragraph below.



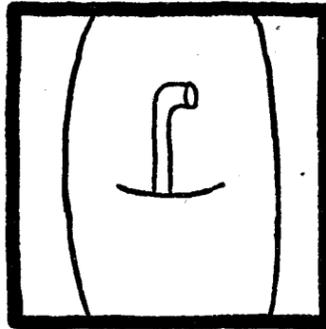
ARE YOU METICULOUS about your choice of cigarettes? Do you want exactly the right taste? Then take a hint from the Doodle above, titled: Ash tray belonging to very tidy Lucky smoker. Luckies taste *neat*—and for excellent reasons. First of all, Lucky Strike means fine tobacco. Then, that tobacco is *toasted* to taste better.

"*It's Toasted*" is the famous Lucky Strike process that tones up Luckies' light, good-tasting tobacco to make it taste even better . . . cleaner, fresher, smoother. So enjoy yourself thoroughly whenever it's light-up time. Light up the better-tasting cigarette . . . Lucky Strike.

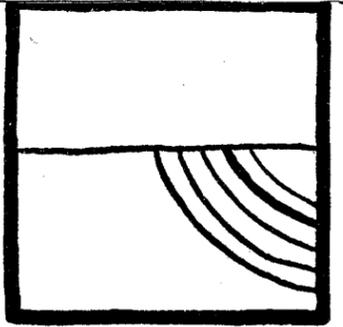
DROODLES, Copyright 1953 by Roger Price



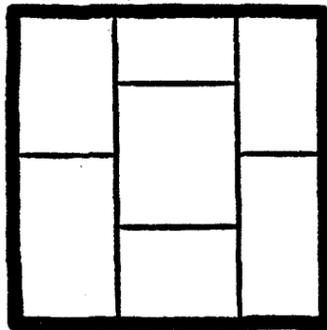
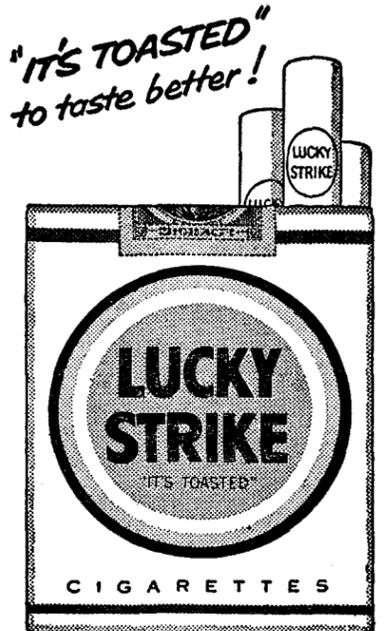
TWO-"CARROT" RING
Sheila Eisenberg
University of Connecticut



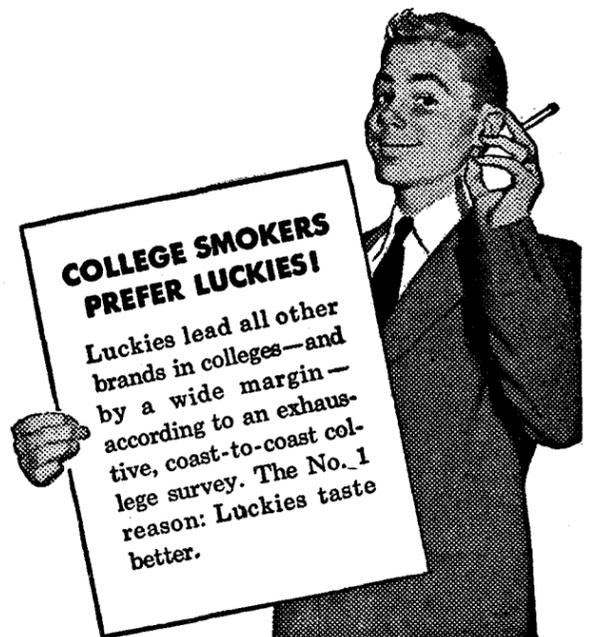
CAUTIOUS BABY KANGAROO
Solomon E. Spector
University of Chicago



RAINBOW SEEN BY MAN STANDING ON HEAD
Duane B. Cummings
South Dakota State College



ELEVATOR STUCK BETWEEN FLOORS
Karl D. Wright
West Virginia University



COLLEGE SMOKERS PREFER LUCKIES!
Luckies lead all other brands in colleges—and by a wide margin—according to an exhaustive, coast-to-coast college survey. The No. 1 reason: Luckies taste better.

Better taste Luckies...
LUCKIES TASTE BETTER
CLEANER, FRESHER, SMOOTHER!

© A. T. Co. PRODUCT OF The American Tobacco Company AMERICA'S LEADING MANUFACTURER OF CIGARETTES

Your Nearest Camera Shop

ALVIN'S PHOTO SHOP

Everything for the Photographer
PERSONALIZED PHOTO FINISHING

914 East California