

Spring awards given Sunday

Clarence B. Randall to speak at commencement, June 10

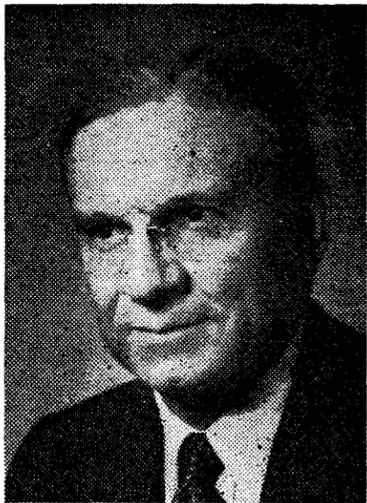
Clarence B. Randall, chairman of the board of the Inland Steel Company, will deliver the commencement address at Caltech on June 10.

Mr. Randall organized and headed the Commission on Foreign Economic Policy which drew up the tariff plan presented to Congress in 1953. The Commission investigated, synthesized and recommended policy for the whole scale of American worldwide economic policy. Since that time he has continued to spend half his time in Washington as foreign economic consultant to the President.

President of the Inland Steel Company from 1949 to 1953, Mr. Randall joined that company in 1925 after practicing law in Michigan for ten years.

He is widely known as the author of *A Creed for Free Enterprise and Freedom's Faith*, books dealing with the role of business and industry in present day America.

Mr. Randall is a 1912 graduate of Harvard where he also took his law degree in 1915. He is active in the field of education and is now a trustee of the University of Chicago. He has also served as a trustee of Wellesley College and as a member of the Harvard Board of Overseers.



Clarence B. Randall

Caltech Glee Club performs at Oxy concert

On May 14 the Caltech Glee Club participated in the Festival Concert of the Pacific Southwest Intercollegiate Glee Club Association. The guest conductor and adjudicator, Dr. Charles C. Hirt of USC, opined that the Caltech Club performed as well as any in Southern California.

Seven colleges were represented in the contest, including Caltech, LA State and Loyola in men's division only, with Occidental, Pomona, San Diego State and UCLA entering both men's and women's groups. The Caltech club appeared in formal wear with white dinner jackets and orange ribbons. Olaf Frosham directed the group, with Bob Norton at the piano.

The Caltech Glee Club, participating for the first time since the club was revived two years ago, proved a stronger entry than the other clubs expected. Dr. Hirt, the adjudicator, remarked that no glee club from a school without a music department was supposed to sing that well. The Pomona Glee Club director, Mr. Russel, agreed with Dr. Hirt that Caltech's performance was one of the best, and especially liked the presentation of Bach's "We Hasten to Ask for Thine Aid."

The audience ranked the Club's presentation of the Russian Hymn "Salvation Belongeth to Thy God" as the best performance of the night, if applause can be used as an indicator.

Associates see Caltech exhibit, hear speeches

Dabney Garden was the scene of the annual California Institute Associate's Day party Wednesday, May 18, highlighted by an exhibit of antique scientific instruments, modern instruments, models and displays in Dabney Lounge.

After viewing the displays the Associates moved to Kerckhoff for a series of short speeches and demonstrations by Drs. DuBridge, Beadle, Pauling, Brown and Feynman concerning present-day science's major problems. The party then moved to the home of Dr. and Mrs. DuBridge for cocktails and a chance to meet the faculty and students responsible for the displays.

The Associates are a group of civic-minded persons who have expressed interest in and contributed financially to Caltech.

Dinner, recreation also to be featured at awards assembly

This year's spring awards banquet and assembly will be held in the city park behind Tournament Park this Sunday instead of Culbertson, where it was held before. A steak dinner will be served following the presentation of awards. The cost of the dinner for all Tech students is \$1.50. Anyone who expects an award is urged to attend the assembly.

Meyer takes first place in Conger contest

Last Thursday, at the Conger Peace Prize Contest in Culbertson, Don Meyer took first place and \$50 with his oration "Toward Asian Understanding." Bob Thucker received \$25 for his second place speech entitled "Peace on Earth, Good Will Toward Men".

In his speech, Meyer expressed the conviction that we are embarking upon a new era in which Asian power will be of utmost concern to this nation and the cause of world peace. In a short chronological prelude to his discussion of the problem, he illustrated how Asiatic feeling has become of an anti-Western nature through Western exploitation in past years.

Pacifist viewpoint

Tucker took the pacifist's viewpoint, pointing out that history has shown that men have never solved the problem of preventing war by armament races. He advocated that rather than combat force with force we should adopt the principles of Gandhi and Christ and thus alleviate world tensions through the abolition of hatred.

The Conger Prize was established in 1912 by the late Reverend Everett L. Conger, D.D., to stimulate interest in public speaking and the cause of world peace. Contestants are judged on their ability to express themselves before an audience, and on the content of their speeches.

Tech AFROTC review held; awards presented to cadets

The Caltech AFROTC awards presentation was held yesterday, May 25, in Tournament Park. The annual review was marked this year by performances by the drill team and the band. The drill team, commanded by Cadet Captain Craig Elliott, presented the routine which they developed especially for the Long Beach Armed Forces Day performance before General Nathan Twining, chief of staff of the Air Force.

The President's Medal was presented to Gary Gayron by Dean Earnest Watson. Dean Paul Eaton gave the Dean's Medal to Paul Lindfors, and Lt. Colonel Lyle Johnston presented the Professor of Air Science's Medal to Hugh Leney.

The Daughters of the American Revolution Award, presented by Mrs. Charles R. Smith, went to Gary Gayron. Ralph Miles was the recipient of the Air Force Association Award. Col. J. E. McLaren awarded the Military Order of World Wars to Al Goldman.

Dr. Gilbert McCann made the presentation of the Armed Forces Communication and Electronics Award to Hugh Leney. The Republic Aviation Award was given to Myron Black by Dr. George Mayhew. Dick Johnson and Jim Adams each received the American Military Engineers Medal from Dr. Jack McKee.

Craig Elliott was presented with the sword he has used as commander of the drill team. Elliott also received the Convair Award, which was presented to him by Mr. H. H. G. Nash.

(Continued on Page 6)

Tech yell leaders needed next year

Anyone interested in serving as an assistant yell leader is asked to contact Head Yell Leader Dick Johnson or place a notice in the "J" box in Ricketts before Monday evening, May 30.

Dr. Borsook to tell 'What Proteins Do'

Professor Henry Borsook will discuss "What Proteins Do" as the subject of the final Friday evening demonstration lecture of the term at 7:30 p.m. in 201 Bridge.

Dr. Borsook, professor of biochemistry at Tech, has engaged in extensive research on proteins, including studies of protein synthesis through the use of radioactive isotopes.

AFROTC summer camp to give Caltech students a glance at Air Force activities

by Jim Adams

The natty young man in the sleek craft droning through the azure sky suddenly felt the pangs of motion-sickness clutching at his vitals. He calmly selected one of the chemically treated paper bags provided by the Air Force for its more unstable passengers. He panicked momentarily when he saw that the bag was folded flat and that both ends looked identical. However, he had a good education and was no slouch at using his initiative, so he tore off one end of the bag and used the remainder for its intended purpose. But lo, he had torn off the sealed end, transformed the bag into a tube and soiled his neatly-pressed uniform.

Some of you will recognize this incident as happening last summer at AFROTC camp. This year another group of Caltech students will be spending sixty hours a week for four weeks with the Air Force and most of them will be enjoying it. They will have their week-ends and evenings free, but on week-days they will hustle out of the sack at 5:30 a.m. and keep moving all day long.

Busy Schedule

They will take part in field trips, lectures, athletics, and other camp activities. They will march more than they have in a whole year here at school. They will be given plane rides and learn to shoot the carbine

The afternoon will start with a recreational period from 2:00 until 5:00; the pool will be open and the locker facilities will be available. Equipment for outdoor volleyball, softball, football, and basketball will also be available, but gym will be closed.

At 4:00 the assembly will be held in the park behind the track. Following the assembly and presentation of awards, the dinner will be served. Only those with tickets will be served meals.

Awards to be presented at the assembly include honor keys, honor certificates, past officer awards, debate, track, swimming, (Continued on Page 6)

Tech students attend confab

Bill Lapson and Ron Cochran, Caltech seniors, entered papers in the Region 7 Pacific-Southwest Section ASME Student Conference at Berkeley May 5, 6 and 7. Lapson won Fourth Prize of \$20 with a paper entitled: "Our Guided Missiles". Cochran did not place in the first six at Berkeley, but had previously won first prize in competition with students from USC and UCLA in the Southern California Section with a paper entitled: "Porous Wall Heat Exchangers."

The Berkeley conference was attended by Lapson, Cochran, ASME Student Chairman Alan Teague and ASME Honorary Chairman Dr. David S. Wood. The ASME National Headquarters paid travel expenses of the delegates, and the UC Student Branch planned the entertainment.

and the .45 automatic. They will shine shoes, wax floors, dust barracks, make beds, polish latrines, shave daily, keep their hair cut, and look sharper than they would have believed possible.

Even the food is good

They will be busy, but they will have fun. An esprit de corps will develop and unit competition will be high. The food will be tremendous and the other cadets will be a great bunch of guys.

You may be curious as to how Tech cadets do, as well as to what they do. Last year most of Tech's group went to McClellan AFB in Sacramento and did quite well for themselves. The (Continued on Page 6)

California Tech

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Secretary's Report

The first steps in the merger of **Farrago** and **Pendulum** were taken at this week's Board meeting. In presenting the story, editors of both publications agreed on the desirability of union. Although final plans depend on the availability of **Pendulum** funds, it looks like Tech will have a new combined publication next year.

Since the Carnegie grant from the humanities department has been discontinued, next year **Pendulum** would have only \$500 from previous subscriptions, about a third the past budget. With this amount, **Pendulum** would need to sell ads and reduce printing quality to stay in business independently.

Therefore, in place of two magazines competing for ads and writers, the combined publication would have a larger budget, a larger staff and better balance of material. The prospective format would continue the name **Farrago**, but, in keeping with the true meaning of the name (mixture), humorous and serious literature would both be included.

Final decision, and editorial appointments will be made at next week's Board meeting.

The totals from the second term charities drive have now been computed; \$2406.05 was raised, divided among the American Cancer Society, World University Service, American Heart Association, and the Pasadena Community Chest. The 1000 grads and undergrads who contributed can well be proud of this sum.

Next week, at the last Board meeting of the year, Honor Points will be revised, the Constitution and By-laws reviewed and brought up to date, and the **Farrago** matter settled.

Tom Bergeman.

Next Year's Budget

The following is the ASCIT budget for 1955-56, as approved by the Board of Directors Monday night:

Income	
Membership Dues	
585 at \$5.00	
575 at 4.75	
560at 5.25	\$ 8,596
Bookstore Dividend	1,462
Big T Assessment	1,720
Cap and Gown Rental	200
Total Income	\$11,978
Expense	
Athletic Awards	\$ 7,780
Miscellaneous Awards	295
Rally Committee	600
Assemblies	\$450
Election Rally	50
Oxy Rally	100
Office Expense	150
Stationery	40
Stamps	15
Telephone	60
Miscellaneous	35
President's Expense	170
Vice-President's Expense	25
Election Expense	10
Forensics	400
Debate	400
Drama	0
Publicity Expense	20
Social Program	1,575
ASCIT 1st Term Dance	325
Frosh Tea Dance	50
ASCIT Winter Formal	450
Lost Weekend	750
Athletic Banquets	350
Fall Sports Banquet	250
Spring Sports Banquet	100
Directors' Banquet	100
Publications	
A) California Tech	1,700
B) Little T.	0
C) Big T	3,275
D) Farrago	500
Equipment Expense	150
Cap and Gown Expense	200
	11,300
Contingency Fund	678
Total Expense	\$11,978

Biologist receives Branbreast award

Dr. Walter Schnark, professor of biology, has been awarded a James K. Branbreast Fellowship for the coming year, it was announced early this week, about Monday. Maybe Tuesday.

Not optional

Dr. Schnark received the award, which is given annually to the biologist whose work is regarded as outstanding in his chosen field by the Branbreast trustees, if an outstanding applicant is available during that school year, or else is not given every year but almost every year, at an assembly of the American Academy for Scientific Betterment banquet held in Los Angeles last night at 8:30 p.m. in the evening.

Replacements coming

It would probably be a good idea to see your doctor if the pain persists.

Campus Brewins

I'm leaving the Waiters' Union, boys. I'm getting married. J. Koontz.

Amazons

The gallantry of the Tech athlete was demonstrated at the beach Saturday when Uncle Phill Conley said he permitted his date to outshine him in volleyball. Let's hope she doesn't throw the javelin too. In a like manner G. Converse is attempting to discover some as yet untried field where his masculine superiority can be demonstrated. He bows to his lady in sports, (basketball even) and in scholastic achievements despite TIME's recent statistics. Sunday they stayed at the beach so he could try his luck at gathering sea urchins.

Wetbacks

Scandal flushed the student houses when word was received that one house prexy and friend were stranded south of the border. The Beak was saddened to

discover that the only trouble was with the border patrol, concerning a visa and Riley's Swedish accent.

Found

In the Westridge Senior Will was a statement asking, "Please return any slightly dazed looking Freshman with sliderule seen wandering around Tech." We have 150 for you.

Self-Defense

Swift chemist Bob Deffeyes, while kissing sweet young thing at beach party, suddenly felt a constriction in his throat. Apparently his date had managed to slip a noose around his neck, and, in a moment of extreme passion, pulled it tight. All choked up, huh?

Etchings

Desolate and sick of an old passion, lover Harrington took his Lost Weekend date up to his room to show her the interesting photos on his wall. Sad to tell, his roomy and cohorts had replaced the photos by some that were even more interesting, though less suitable for innocent eyes. Enlightened, Harrington's girl withdrew, blushing almost as hard as poor Tim.

Last Minute

Luck-in King Paul Farley gloomed home from Scripps Friday prepared to spend the rest of the weekend snaking. At three o'clock Saturday afternoon he still had no dates, but at 8 he roared off to a formal at UCLA. How do you do it, Paul?

Sick Call

"Greater love hath no man than this" department . . . Boy Scout Ray Orbach imported a girl for the lost week-end, and then hid out in the infirmary, providing friends Dryden and Plambeck with unequalled opportunities for weekend bird-dogging. Raving Ray got out of hock on Sunday afternoon, just in time to bid his girl goodbye.

J. P. Harford

Sly dog Harford almost managed to make some \$\$ for double JJ enterprises at the ASCIT beach party.

While waiting for his date to get dressed for the dance, he pulled open a stray drawer and found a string of tickets. Entrepreneur Harford promptly set up in business, requesting tickets for admission to the dance. When apprehended, he was about to begin charging admission.

Fished Out

Ricketts' Human Fish, D. Roberts, found the mighty Huntington Beach surf too much for his (and his date's) lithe bodies during the Lost Weekend caper. First his date gave up to the poundin' of the waves and began drifting seaward. Backstroker Roberts then latched onto her and both continued to drift away in the surf towards the barnacle encrusted pier. After

(Continued on Page 4)

LITTLE MAN ON CAMPUS

by Dick Bibler



"How's about delivering your speech at the level of the college freshman, Senator?, then perhaps some of the professors would enjoy it."

The World and Tangora

by Rocky Tangora

Do you need attention? Do you crave sympathy? If you are maladjusted, discontented, tired of being a nobody, starved for affection—there is a neat way out. Go and get your nose broken. It's a new wonder tonic.

In fact, a man with the high I.Q. that every Techman has (I read that in print somewhere), should be able to get by on even less—it should be enough to only pretend to have broken your

nose, if you make it convincing. There are two things to remember, and you're all set. One is always to wear a conspicuous bandage, even when you don't really need it. This calls people's attention to the fact that something is wrong.

The other is simply to have a good explanation of how it happened. Football will do fine. Revolving doors are not so good, and are apt to arouse skepticism.

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Sec's at Tech

by Frank Kofsky and Don Nierlich

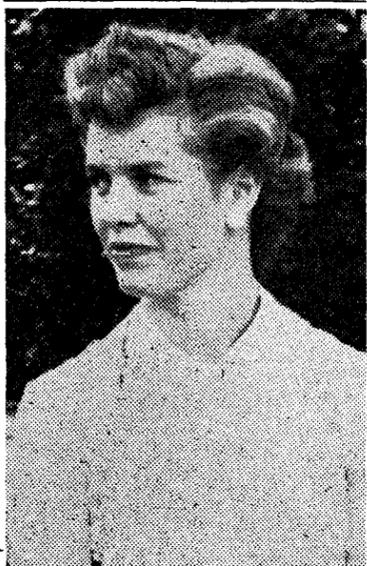
It's almost fun to have a problem these days, for when we do, we immediately rush over to the YMCA office to tell our troubles to "Donna", the Y Secretary. Donna, who fills in as wet-nurse, baby sitter, lovelorn advisor and temporary mother to undergraduate Techmen, astounded us by saying that she actually has a last name (we had never heard her called anything but "Donna", so we weren't sure), and not only that, but it is Newcomb.

To prove her uniqueness, Miss Newcomb told us that she was born in Los Angeles and matriculated at Occidental, majoring in art. She has worked in an academic atmosphere all her life, for after graduation she took part in the great American game of putting husband through college, Stanford in this case, later moving south to work in the Huntington Library and coming to Caltech in September of last year.

Donna stands five feet five and one quarter inches tall, has hazel eyes, is usually wearing one of the brighter colors, weighs one hundred and thirteen pounds and has a very striking head of gray-brown hair. Incidentally, her hair has been gray since she was in the seventh grade.

When she isn't mothering one of us, most of her spare time is spent mothering her own little one, Teddy, aged six, who wants to come to Tech to study geology (steady, Dr. Sharp) and jet propulsion.

If, after Teddy is taken care of, she has any spare time, she likes to indulge in reading, dancing, listening to jazz (Dixieland,



Donna Newcomb

unfortunately), or in playing badminton or swimming.

We asked Donna her opinion of the Caltech man and were amazed to have her tell us that the ones she knows are all very friendly and very normal (even the one with the 122 I.Q.). Donna also said that her job in the Y was the best she had ever had and that she expected to be here indefinitely, to which we can only say that we hope she is.

Two day ECC confab views advancements

The 1955 Electronics Component Conference will be held today and tomorrow at the Ambassador Hotel in Los Angeles. The meeting is jointly sponsored by the IRE, AIEE, RETMA, and the West Coast Electronics Manufacturers Association.

At 7:00 tonight in the Coconut Grove, there will be a banquet and a formal debate, "Resolved: Transistors Will Soon Replace Most Tubes." After the debate, at 9:00, there will be dancing to the music of Xavier Cugat's orchestra and there will also be a floor show. The cost for these events is \$6.00 per person.

Friday morning from 9:00 to 12:00 there will be two concurrent sessions: "Microwave Devices and Electron Tube Reliability," chaired by Mr. M. Barry Carlton, General Manager, Government Products Division, The Magnavox Company, and "Vacuum Tubes I" which will be led by Lester M. Field, professor of electrical engineering at Tech.

Two more sessions will be offered in the afternoon: "Vacuum Tubes II", led by Dr. Andre V. Haef, vice president of Hughes Aircraft Company, and "Resistors and Capacitors," led by Mr. A. W. Rogers. There is no charge for these sessions.

Egad!
AFROTC Colonel: "Why didn't you salute me yesterday?"

Cadet: "I just didn't see you, sir."

Colonel: "Thank heavens, I thought you were mad at me."

Judge: "Do you mean to tell me that you murdered your own grandmother for a paltry three dollars?"

Defendant: "Well, your honor, you know how it is. Three bucks here, three bucks there—it adds up."

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CAMPUS BREWINS

(Continued from Page 2)
 a few lusty shouts, however, the pair aroused no less than three powerful life-guards who towed the soggy couple back to safety.
Successor to Fumble
 The Beak hails the new par-

lor game that has been invented and tried out by Hunt Small and R. A. Johnson. It is called "Have another drink" and is played thusly: Any number of couples may play but maximum annoyance is gained with only two participating. The contest-

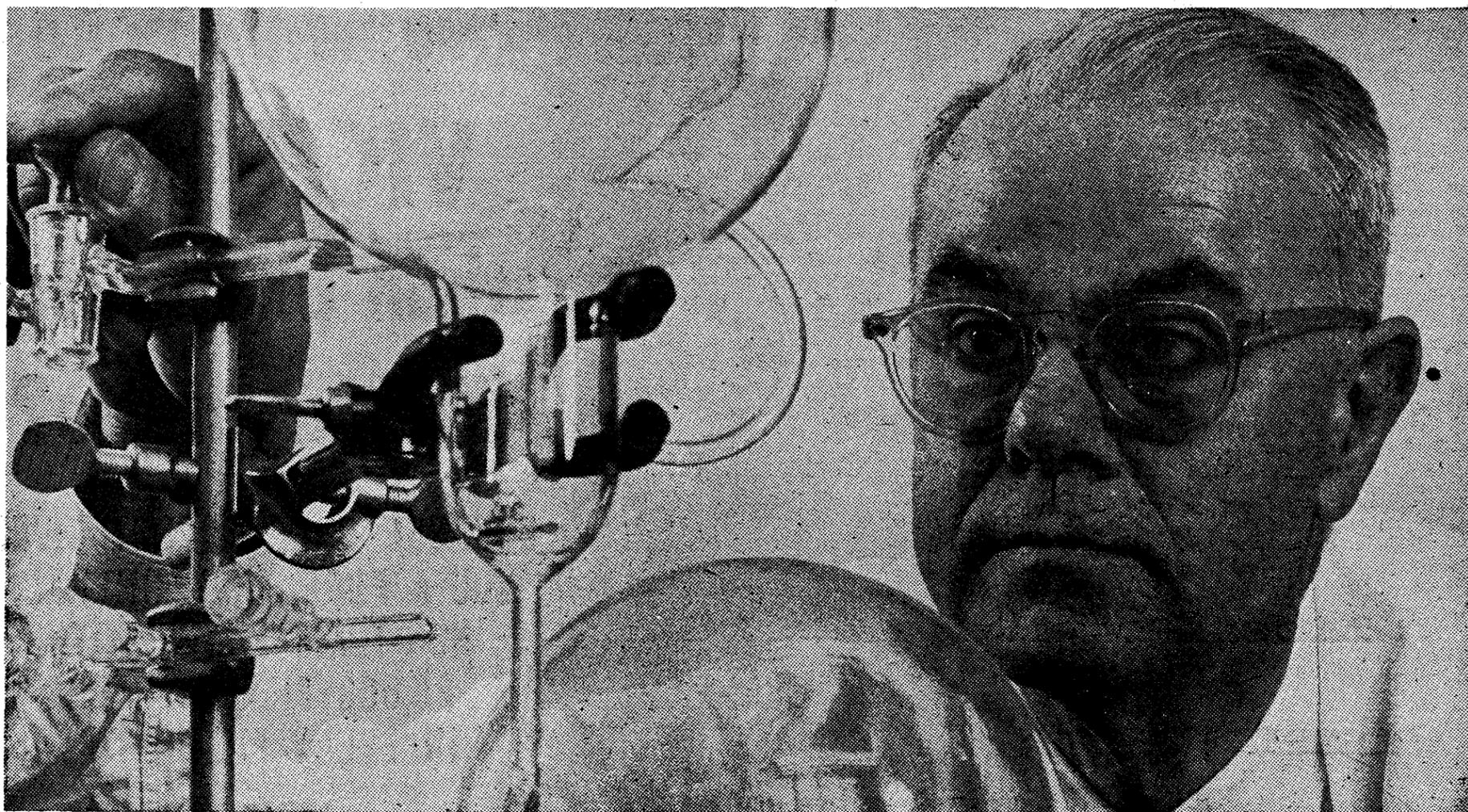
ants engage in any arbitrary parlor game until at an arbitrary moment, one gentleman violently shakes the other apart, slapping appropriate hands, and offering the other gentleman a drink. After a short interlude, roles are interchanged with sim-

ilar action, ad infinitum. As a device for turning good friends into bitter enemies, the Beak stamps this game with his middle finger of approval.
More Greater Love
 The Beak is inclined to think that Darb Social Chairman Dale

may have pushed things a little too far. It's been intimated that, upon hearing that the renowned H. Paa'lman didn't have a date for the Saturday night beach dance, Dale allowed his own fair lass to go with Hunter. That's really giving your ALL.

Maynard Reynolds

or what model gasoline for your 1958 model car?



"You've probably heard it said that competition in an industry brings the customers better products ahead of time.

"If you ever doubted it, you should have been looking over my shoulder lately.

"I'm a research chemist for Union Oil. That's why, back in 1951—when Union was selling all the gasoline it could refine—the boss called me in. He said management wanted to know what kind of gasolines we'd have to be able to market in 1958 to satisfy cars then.



"After studying trends in engine design, we set to work on our '58 model gasolines. We pushed octane right to the ceiling for the highest practical power and knock-rating. But we wanted more than power.

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"We also wanted gasoline that wouldn't vaporlock. So we drove down into the desert and tested blends till we had one that would perform in an oven.

"Well, when we had all the vital statistics we showed 'em to the men on the 12th floor. They took a long look at the facts, okayed \$70,000,000 for a refinery expansion program.

"As a result, we were able to introduce our 1958 model premium and regular gasolines in

1955—three years ahead of schedule. *And man, are the customers taking them away from us!*"

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Beavers scare Oxy before losing 4-3

Battling for the Conference Title, the Tigers from Occidental were badly scared by Tech horsehiders before a Tech ninth inning rally fell run short of tying the game. Going into the last frame leading by a score of 4-1, the Tigers were riding high and wide before, with one away, the Beavers loaded the bases. Jim Koontz came through in the clutch to single in two runs. With runners on rst and third, Ray Weymann sent a long fly to the outfield and Ed Berry was thrown out on a close play at the plate. The 4-3 victory for Occidental assured them at least a tie for the conference crown.

Track Review

The Beaver mile relay team took fourth place in the special college division of the West Coast Relays held at Fresno. It was a large moral victory for the team as they edged Pomona-Claremont by a stride, just as Pomona had done to the Beavers in the SCIAC meet. Roger Wileman ran a great anchor lap for Tech, holding off 'Hen Bill Schultz down the long straight-away finish, and almost catching the third-place Santa Barbara team. Wileman was timed in 49.6 for his lap. Don Lewis ran the first lap in 52.2, Rod Supple turned a fast 50.4, and John Lukesh ran the third leg in 52.5, giving the team a total time of 3:24.7.

Phil Conley threw the spear 210 ft. 7 in. for fourth place in intercollegiate competition, and eighth in the open division. Jim Tyler broadjumped for Tech, but did not place.

The Fresno meet brought the track season to a close for the Beavers, with the exception of Phil Conley, who still has the Compton Invitational, SPAAU, NCAA, and AAU meets to go. The season, highlighted by Conley's 218 ft. 3 3/4 in. javelin toss in the March Field meet, was the most successful at Tech in a number of years. The Beavers won four meets while losing two, took second in conference relays, third in conference finals, and then scored six points in the West Coast Relays.

Phil Conley broke his own school and conference javelin record three times, and set new meet records in the conference relays and finals.

Jim Tyler was Tech's big gun all season, scoring 84 1/2 points to Conley's 49 and Wileman's 48 1/2. Tyler competed in the broad jump, high jump, 100, 220, and the shot-put. His best marks were in the jumps, where he did 6 ft. 1/2 in., and 22 ft. 6 1/4 in. That broad jump was made last week at Muir, in decathlon competition, and is only 1/4 in. short of the school record. The same day he just barely fouled a 22 ft. 9 in. leap.

Wileman and Lukesh both ran the 220 in 21.9 for the best sprint marks, and Rod Supple ran the 880 in 1:58.6, just missing the school record of 1:58.4, to lead the middle distance men. Ted Lang threw the discus 141 ft. 4 in. for the best field event mark other than the javelin.

Ray Weymann went the distance for the Beavers in their last game of the season, giving up six hits. Wildness showed as bases on balls and hit batsmen put more men on base than there should have been. Four Beaver errors did not help the cause. Dick Sovde pitched for the winners, giving Techmen seven safeties, including a home run by Dick Waggenseller.

Oxy started things off in the second inning when loose play by the Tech infield and raunchy hits brought three runs in. After Waggenseller's homer in the fourth inning, the Tigers picked up one more unearned run in the seventh, which set the scene for Tech's valiant rally.

Interhouse sports

Dabney won the interhouse volleyball championship last Tuesday by downing Fleming in two games, 15-4 and 16-14. The second game was a real thriller with Dabney coming from behind a 8-14 deficit to win 16-14.

Last week Dabney downed Blacker 15-5, 15-5 and Throop 15-10, 15-11. Ricketts finished second in the race by dumping Fleming 9-15, 15-6, 15-12.

In other games, Fleming won over Blacker 15-11, 15-9; and Blacker avoided the cellar by beating winless Throop 15-4, 15-8.

Volley ball season closed the interhouse athletic year. Blacker won the interhouse trophy for the first time in history, with Dabney in the runner-up slot.

Golfers second in league match

Last Friday at Los Sarranos Country Club the Beaver golf team copped second in the conference tourney behind Pomona. Tech's Paul Farley shot the second best score of the day, with Paul Lindfors taking seventh. Pomona, playing on their home course, made first place a runaway, but the Beavers beat out Oxy for third quite handily.

Fifteen to get lifetime passes

Fifteen men are slated to receive lifetime athletic passes for three or more letters in a major sport. This is the second highest total in the history of the school.

Those who have received four letters are Jim Tyler, track and basketball; Bill Chambers, basketball; Don Roberts, swimming; and Alva Yano, tennis.

On the three-letter list are Gil Beebower, tennis; Bob Christian, football; Ray Grieser, football; George Madsen, basketball and baseball; Dick Manley, football; George MacDonald, football; Walt Menetrey, football; Don Taylor, track; Rod Supple, track; Dick Wagenseller, baseball; and Blake Wallace, swimming.

Ray Weymann on all-league team

Last Tuesday night at the meeting of league coaches the All-conference baseball team was picked. Tech's only representative on the first string was Ray Weymann, who was a unanimous choice for pitcher. This is Weymann's second year on the first string.

Frosh nine divide pair

The frosh baseballers split a pair of wide-open games the past week. On Tuesday the Techmen came out on top of Chadwick 11-7 in a game featuring a parade of Beaver pitchers who formed an almost unbroken line from the bullpen to the mound. In addition the game was marred by numerous errors on both sides. Two big innings provided Tech with the needed margin for victory.

LOSE TO OXY

On Friday the Beaverbabes were foiled in their attempt to avenge an earlier defeat at the hands of Oxy. The frosh went down swinging in a 12-8 slugfest. Tony Howell pitched the entire route against the slugging Tigerbabes. Consistent scoring rather than a few big innings was the order of the day. Had a few breaks gone the other way, the final tally might have been different. As it was the Oxy power was too much for the Beaver defense.

What young people are doing at General Electric

Young scientist works on new ways to handle "hot" radioactive fuel

Whenever uranium is "burned" in an atomic reactor, certain valuable elements such as plutonium are left behind in the "ash."

These products are highly radioactive, but they must be recovered because of their great value to the atomic energy program.

This is the job of 31-year-old H. Ward Alter, Supervisor of the Separations Chemistry Unit at the AEC's Knolls Atomic Power Laboratory, which General Electric operates in Schenectady, N. Y.

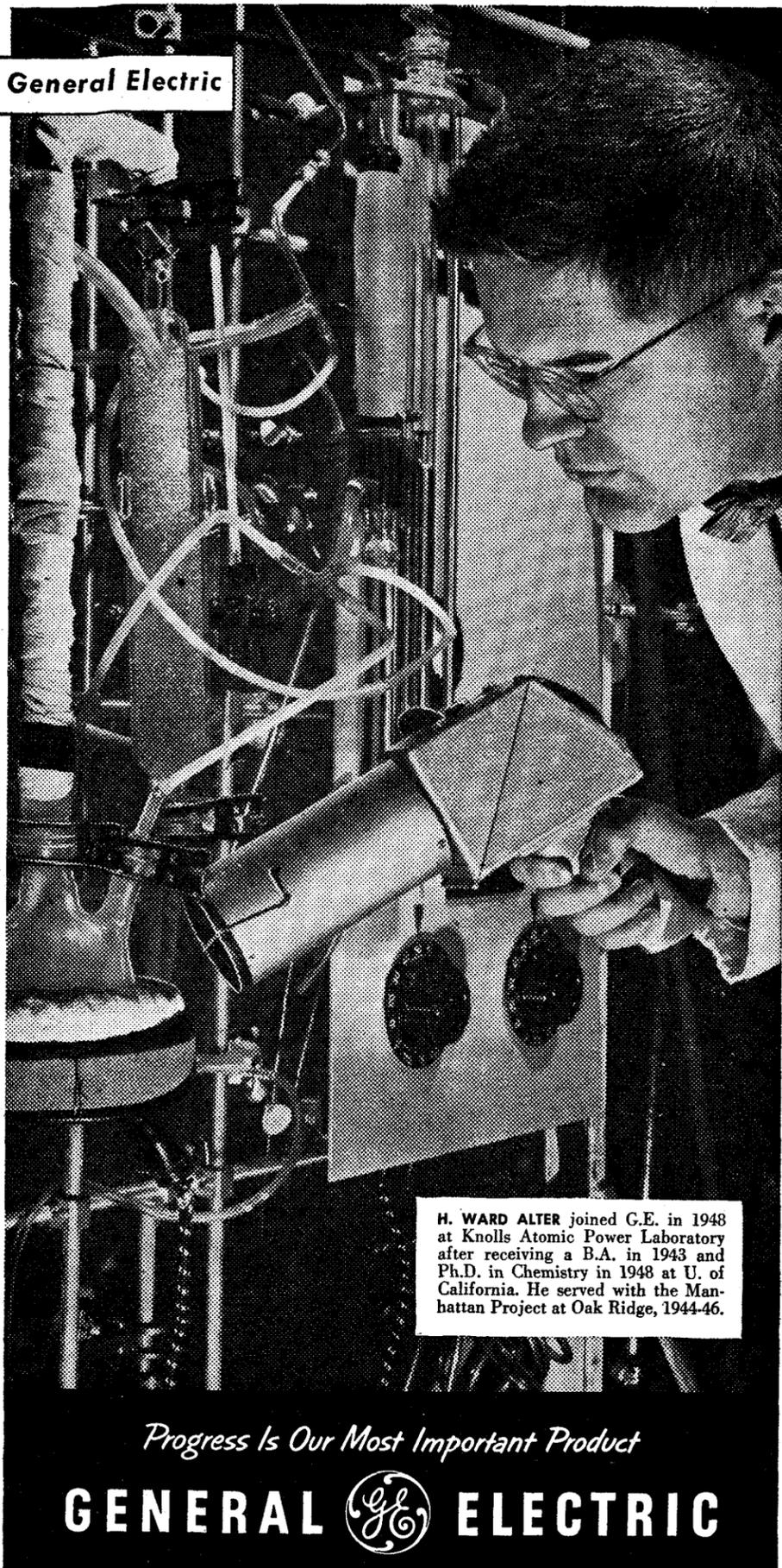
Alter's Work Is Vital, Important

Alter is doing his job well. He has already received the Coffin Award, General Electric's highest honor, for developing an apparatus that makes possible faster, safer, and more efficient recovery of the valuable elements in the "ash."

The work done by Alter and his group helps lower costs, increase efficiency and expand our knowledge of the chemical processing of spent radioactive fuels.

25,000 College Graduates at General Electric

When Alter came to General Electric in 1948, he already knew the work he wanted to do. Like each of the 25,000 college-graduate employees, he was given his chance to grow and realize his full potential. For General Electric has long believed this: When fresh young minds are given freedom to make progress, everybody benefits—the individual, the company, and the country.



H. WARD ALTER joined G.E. in 1948 at Knolls Atomic Power Laboratory after receiving a B.A. in 1943 and Ph.D. in Chemistry in 1948 at U. of California. He served with the Manhattan Project at Oak Ridge, 1944-46.

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Houses set social calendars for final weekend of the term

Winding up the social program this term are three parties, a picnic, and a dinner formal.

Dabney House will hold an overnight "Roman Holiday" Friday and Saturday. A stag affair to be held in the desert, it will feature a treasure hunt in the desert home of Mr. and Mrs. L. Shepard. Monday Dabney will conduct a party at Alumni Pool in Tournament Park, beginning at 2 p.m., which will last until 9:00 p.m.

Friday evening, Blacker is holding an off-campus party in San Marino, while Saturday will find the Blackermen enjoying a picnic.

Also to be held this weekend is the annual Ricketts-Fleming Dinner Formal. Steak dinners will be served in the arcade between Fleming and Ricketts at 8 p.m. Dancing to the music of Don Ricardo and his orchestra will begin at 9 p.m. and will last until twelve.

AFROTC SUMMER CAMP

(Continued from Page 1) senior outstanding cadet, one of the squadron outstanding cadets, and the high point man in the .45 competition were from Caltech. Cadet positions were changed once or twice a week, but Tech had three wing commanders and more than their share of the other positions. In fact, one of the Caltech cadets was so good at latrine cleaning that he spent most of his time on the end of a brush.

Little slip-ups

Naturally, Tech cadets were not perfect. A Caltech wing commander was responsible for starting the first big parade and review before the reviewing general had arrived. Another Tech man made history by climbing down from a T-28 which had just been engaged in rather strenuous acrobatics, standing confidently upon the runway for a few seconds, and then becoming quite airsick.

All in all, next year's senior cadets should do very well at camp and will come home with sun-tanned faces still bleeding from the last shave, full stomachs, an aversion to neatly made beds, increased confidence in themselves, and an increased knowledge of what the Air Force is and what it stands for.

TECH AFROTC

(Continued from Page 1) The freshman and sophomore academic awards, presented by Dean Foster Strong, went to Dick Cowley and Gordy Fullerton. Dr. Francis Maxstadt presented the junior academic awards to Myron Black and Paul Lindfors. Jay Glasel and Gary Gayron were given their senior academic awards by Dean W. Jones.

Medals of Merit went to Chuck Bodeen, Al Goldman, Timothy Harrington and Eugene Engels. The medals were presented by Dean Eaton.

Paul Lindfors, judged to have the best squadron, was awarded the Competitive Squadron Medal by Dr. George Tanham. Dr. Mayhew presented the Competitive Flight Medal to Gerald Pressman.

Varsity Basketball; Phillip Conley, William Chambers (captain), George Madsen, Rolland Moody, James Tyler, Howard Bloomberg, Paul Lindfors, Jim Koontz, Dan Chilton, James Higgins (manager).

Frosh Basketball; Glenn Converse, Ron Marson, Sonny Nelson, Dick Van Kirk, Don Wiberg, Gene Cordes, Don Stocking, and Frank Rosbach, Bob Walsh (manager).

Varsity Tennis; Bernard Mueller, Gene Barnes, Alva Yano (captain), Gilbert Beebower, Thomas Hays, Richard Schmid, Ralph Miles, Alan Poisner.

Frosh Tennis; Robert Tokheim (captain), Philip Reynolds, Paul Calaway, Rogert Wallihan, James Weaver, Richard Lewis,

James Rode, Read Warriner (manager).

Varsity Baseball; Ray Weyman, Harold Morris, Edwin Nelson, James Koontz, Edwin Berry, George Madsen, Eugene Nelson, Richard Wagenseller (captain), Warren Furumoto, Allan Goldberg, Michael Duke.

Frosh Baseball; Louis Montoya, Robert Schenter, William Kern, David Leeson, Donald Stocking, Charles Stone, Anthony Howell, Richard Van Kirk, Peter Hoag, Donald Stern, Robert Walsh, Philip Thacher, Charles Penquite (manager).

Varsity Swimming; Richard Johnson, William Davis, John Bush, James Ball, Ed Park, Edward Navroth, George Madsen, William Below, Donald Roberts, Ross Brown, John Thomas, Ronald Cochran (manager).

Frosh Swimming; Clarke Rees, Vincent Taylor, Ronald Leonard, Donald Wiberg, Wayne Smith, Robert Smoak, Keith Martin, Howard Hilton, Gerald Pjerrou.

Varsity Golf; Paul Farley, (captain), Peter Abbey, Harri-

son Schmitt, George McDonald, Jon Robinson.

Varsity Track; Rodney Supple and James Tyler (co-captains), Philip Conley, Theodore Lang, Donald Lewis, James Lloyd, John Lukesh, Samuel Sims, Martin Tangora, Donald Taylor, Roger Wileman, Fred Witteborn and Luis Soux (manager).

Frosh Track; Gordon Barienbrock, Charles Bonwell, Forrest Cleveland, Bruce Kowol, Daniel Horowitz, Edward Krehbiel, Gerard Lawrence, Thomas Moore, Reed Saunders, Richard Van Kirk and George Oetzel.

Spring awards presentation changes location from Culbertson Hall to Tournament Park

(Continued from Page 1)

basketball, tennis, the Vesper and Shy Basketball Trophies, the Goldworthy Snake Trophy, the Interhouse Trophy, the Varsity Rating Trophy, and the Tau Beta Pi outstanding frosh award.

The following students are among those who will receive awards at the assembly:

Varsity Basketball; Phillip Conley, William Chambers (captain), George Madsen, Rolland Moody, James Tyler, Howard Bloomberg, Paul Lindfors, Jim Koontz, Dan Chilton, James Higgins (manager).

Frosh Basketball; Glenn Converse, Ron Marson, Sonny Nelson, Dick Van Kirk, Don Wiberg, Gene Cordes, Don Stocking, and Frank Rosbach, Bob Walsh (manager).

Varsity Tennis; Bernard Mueller, Gene Barnes, Alva Yano (captain), Gilbert Beebower, Thomas Hays, Richard Schmid, Ralph Miles, Alan Poisner.

Frosh Tennis; Robert Tokheim (captain), Philip Reynolds, Paul Calaway, Rogert Wallihan, James Weaver, Richard Lewis,

James Rode, Read Warriner (manager).

Varsity Baseball; Ray Weyman, Harold Morris, Edwin Nelson, James Koontz, Edwin Berry, George Madsen, Eugene Nelson, Richard Wagenseller (captain), Warren Furumoto, Allan Goldberg, Michael Duke.

Frosh Baseball; Louis Montoya, Robert Schenter, William Kern, David Leeson, Donald Stocking, Charles Stone, Anthony Howell, Richard Van Kirk, Peter Hoag, Donald Stern, Robert Walsh, Philip Thacher, Charles Penquite (manager).

Varsity Swimming; Richard Johnson, William Davis, John Bush, James Ball, Ed Park, Edward Navroth, George Madsen, William Below, Donald Roberts, Ross Brown, John Thomas, Ronald Cochran (manager).

Frosh Swimming; Clarke Rees, Vincent Taylor, Ronald Leonard, Donald Wiberg, Wayne Smith, Robert Smoak, Keith Martin, Howard Hilton, Gerald Pjerrou.

Varsity Golf; Paul Farley, (captain), Peter Abbey, Harri-

son Schmitt, George McDonald, Jon Robinson.

Varsity Track; Rodney Supple and James Tyler (co-captains), Philip Conley, Theodore Lang, Donald Lewis, James Lloyd, John Lukesh, Samuel Sims, Martin Tangora, Donald Taylor, Roger Wileman, Fred Witteborn and Luis Soux (manager).

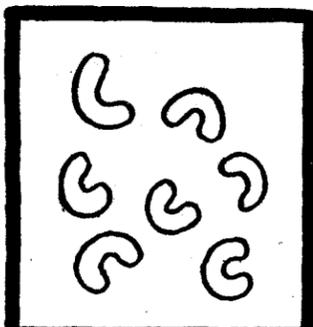
Frosh Track; Gordon Barienbrock, Charles Bonwell, Forrest Cleveland, Bruce Kowol, Daniel Horowitz, Edward Krehbiel, Gerard Lawrence, Thomas Moore, Reed Saunders, Richard Van Kirk and George Oetzel.

Egad!

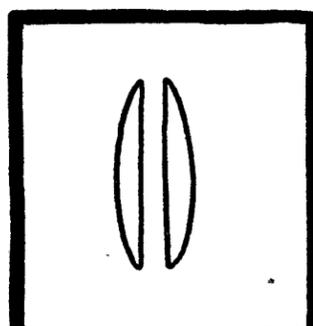
"Who was that lady I saw you with last night?"
"That was my brother. He just walks that way."

CAMPUS BARBER SHOP

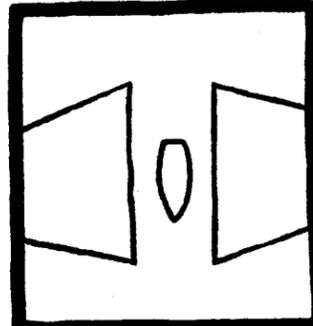
In Old Dorm
Where Everyone Is Welcome
Paul A. Harmon



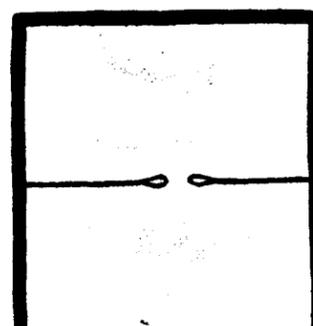
REMNANT SALE AT A DOUGHNUT FACTORY
Barbara Rotondo
U. of Bridgeport



BANANA, SPLIT
Donald Mills
U. of Alabama



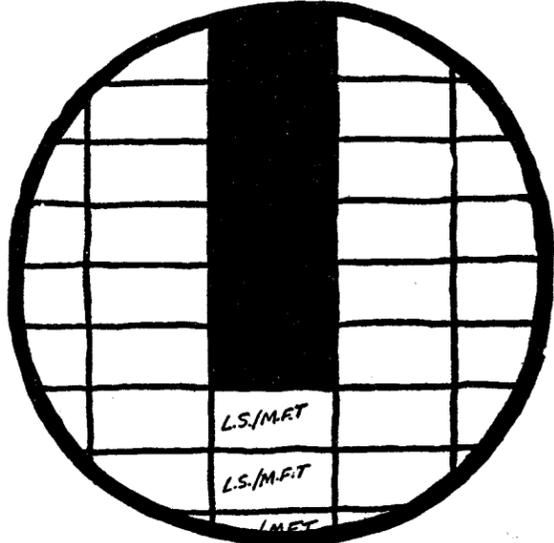
EGOTISTICAL TUGBOAT (OR) PANICKY DRAWBRIDGE OPERATOR
Zane Thompson
U. of Maine



TWO NEEDLES SEEING EYE TO EYE
C. Eugene Nichols
Indiana U.

HEY DROODLE BUGS! HERE'S ANOTHER BATCH!

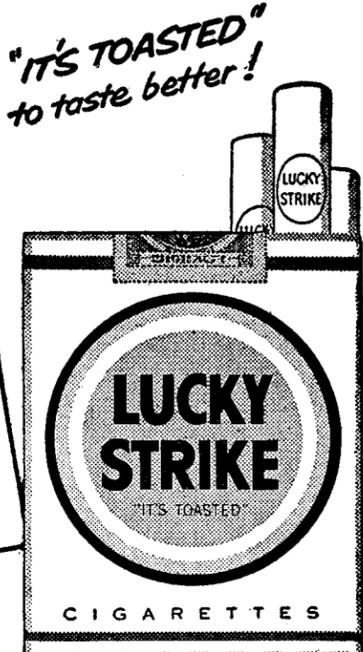
WHAT'S THIS? For solution see paragraph below.



YOU GET A GOOD CLOSE-UP of college smokers' preference for Luckies in the Doodle at right, captioned: Lucky Strike column in a college cigarette-vending machine. On campuses all over America, college students automatically get Luckies. Why? Simply because Luckies taste better. They taste better, first of all, because Lucky Strike means fine tobacco. Then that tobacco is toasted to taste better. "It's Toasted"—the famous Lucky Strike process—tones up Luckies' good-tasting tobacco to make it taste even better...

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Better taste Luckies... **LUCKIES TASTE BETTER** ...Cleaner, Fresher, Smoother!

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