The California Tech
California Institute of Technology
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Number 19

Swimmers Seek Relay Victory

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Events to watch are the butterfly-stroke and medley relays.

Anchoring this year's team is Clarke Bees, conference record-holder before I and school record-holder in seven. Despite sporadic practice, he has been defeated only once so far this season. Don O'Connell also returns as the best breaststroker in the conference. Senior Bob Smoak holds the backstroke position. Juniors Bob Blandford and Keith Brown fill in the relays and in the butterfly and 50 free events.

Tech is fortunate this year in having great depth in all positions. Sophomores Pete Rony and Wilf McLennan have taken places in the diving at all but one meet. Rony and Bob Pallhurpe have also allowed the relays with depth and ability.

Helping to further round out the team are Phil Thacher, Mike Miller, David Murakoa, John Asmus, Gerhard Klose, Jerry Winett, Don Phillips, Bill Widess, Doug Donham and Doug McElane, all of whom have seen some competition already.

Jovin, Tisch, Areonson Win

Jerry Areonson, Tom Jovin, and Tom Tisch were added to the Board of Directors in run-off elections this week, completing the first BOD under the new ASCIT organization. They will fill the posts of treasurer, secretary, and representative-at-large respectively.

Jovin won over Keith Brown on Monday, receiving 233 of a total 434 votes cast. Had Jovin had previously been eliminated from the secretary race in last Thursday's regular election. Also on Monday, Areonson trum- ped in 227 votes. Tisch received 225 votes.

Jovin's victory over Pat Henry came in the second run-off for the repeat-large post in a race that had been close all the way.

Jovin Announces Sixth Weekend Indian Project

Tom Jovin announced that this week Caltech will participate in the last of the Six Pila Indian Reservation projects.

About 30 Southern California college students will live in seven plywood cabins set up this weekend at the camp near Palm Springs. The project is sponsored by Roger Eldridge and is being attended by interested students at the YMCA. The trip includes meals with the Indians and a Saturday night dance at a cost of three dollars.

Jovin emphasized the opportunity to observe the contemporary Indian situation, particularly such problems as alcoholism and unemployment. The organizers hope to give the Indians a sense of community responsibility.

Another trip is planned for the first weekend of spring vacation. Ten men will canvas the Sabah, Indian Reservation to determine what the water situation was twenty years ago. This will be done in connection with a law suit arising from a new municipal water tunnel which cuts off the Indians' water supply.

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Aerojet invites you to pinpoint your own targets, "lock on" your own future...in the dynamic new fields of infra-red and rocket propulsion.

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An Aerojet-General representative will be on campus on March 13 & 14. Contact your Placement Office for details.

SUPER-WINSTON PRODUCTIONS PRESENTS The WRECK of OL' FIVE-ELEVEN

HE SHOULD'VE MENTIONED THE NEW CRUSH-PROOF BOX, TOO!

R. J. REYNOLDS TOBACCO CO., WINSTON-SALEM, N.C.
**Letters to the Editor**

Editor, The California Tech:

There has recently been a lot of discussion about whether to have 3 new student houses or to have freshmen dorms. I wish to add another idea for what it is worth. How about admitting girls to the Caltech undergraduate school and constructing the 3 dorms for them? Consider the advantages of this. The housing shortage would be relieved by restricting the student body to its present size. The admissions committee would have a considerably larger group of able applicants, thus raising the intellectual caliber of the student body. The presence of girls would dampen unparagoned or unadulterated sexual propagation. The morals of student life would rise sharply due to the necessity for the boys to be a larger percentage of the time. The disadvantages of 7-house rotation and a 7-house inter-house committee wouldn’t be present since the 3 girl’s houses would have their own committee. The respective personalities and abilities of the present houses could be preserved. Social life would become more campus-centered with less need to travel many miles in all directions to find girls.

At present and in the near future America needs badly many more top scientists. Twenty percent of our population is female. There is no reason to believe that girls have less scientific ability than boys. At present there is almost a complete lack of good undergraduate scientific schools admitting girls in this country. It is significant to note that the University of Moscow admits girls on the same footing as boys. This permits the Russians to draw top scientific talent from a reservoir twice as large as ours. This would be in line with the Caltech philosophy of looking towards the future for this school to take the lead in opening the doors of science to women.

Paul Minning

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**Campus Brewins**

Headline Of The Week

In Los Angeles Herald Ex-press of March 1:

HOLLYWOOD MODEL BEATS OF SIX YOUTHS WITH SHOE

**Post**

**SIX YOUTHS WITH SHOE**

**change. young actors guild of the EE2**

**-formals**

**-new**

**-11M**

**-better**

**approximate...**

**on the same footing**

Ted Bate

Maxstadt

pure

freshen up your taste!

Dave Leeson

Bob Walsh

22,

Tech

girls

Eldridge Moores

inside, pure white outside, as a filter

---

**Unlimited opportunity awaits you in LOS ANGELES**

---

**The City of the Future**

Civil

Electrical

are needed for the challenging work of planning, designing, building, and operating one of the largest water and electric systems in the world.

Out engineering representative will be on campus

Thursday, March 13, 1958

Arrange with the Placement Office for an interview appointment.

CITY OF LOS ANGELES

Department of Water and Power

---

**Sayings From Daddy**

Daddy: (Drawing up to his full dignity and with a trembling in his voice.) Son, there is but one thing for this school to take the lead in opening the doors of science to women.

---

**Light into that L&M**

Live Modern flavor

---

**Sayings From Daddy**

Troll: Hey, Dad, where can I fly a kite?

Daddy: (Drawing up to his full dignity and with a trembling in his voice.) Son, there is but one thing for this school to take the lead in opening the doors of science to women.

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Twitch: Hey, Daddy Maxstadt, it doesn’t say what frequency this sine wave is.

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Monday, March 10

THE GARRETT CORPORATION
will be on campus to interview
ENGINEERING STUDENTS

B.S. - M.S. - Ph.D. candidates

The Garrett Corporation is one of the most diverse research, engineering and manufacturing organizations in the aircraft, missile and technological fields. From AiResearch laboratories have come pioneer developments in aircraft and missile components and systems. Today 90% of the free world’s aircraft use AiResearch equipment. Garrett divisions and subsidiaries are creating a variety of products, including industrial turbochargers and marine equipment, and are supplying sales and service to airframe companies, airlines and the military.

Project work is conducted by small groups in which individual effort is more quickly recognized and opportunities for learning and advancement are enhanced. With company financial assistance, you can continue your education at fine neighboring universities.

- TYPICAL PROJECT ACTIVITIES -

Electronic air data computers, pressure ratio transducer instruments, electrical systems and motors and generators.

Preliminary design from analytical and theoretical considerations for high-level technical work in aerodynamics, stress analysis, thermodynamics, heat transfer, cryogenics, pneumatics, nuclear power and mathematics.

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Air and vapor cycle refrigeration turbines, hydraulic and mechanically driven pressurization compressors.

Jet engine and rotating machinery design and analysis involving combustion, turbomachinery, gas dynamics, thermodynamics and aerodynamics.

Gas turbine auxiliary pneumatic and electric power units.

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In addition to direct assignments, a 9-month orientation program is available to aid you in job selection. You participate in Garrett project and laboratory activities and work with engineers who are outstanding in their fields. You are also familiarized with administrative aspects including contract and sales administration.

- JOB OPPORTUNITIES -

Engine Development
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Chemical Engineering
Mechanical Engineering
Instrumentation
Gas Turbines
Stress-Vibration
Technical Writing
Preliminary Design

Engineering Analysis
Physics
Vibration Engineering
Geor Design
Laboratory Engineering
Sales Engineering
Installation Engineering
Liquid Oxygen
Air Turbines
Air and Freon Centrifugal Compressors
Cryogenics

Pneumatics
Mathematics
Air Data Systems
Electrical Engineering
Transistors
Magnetic Amplifiers
Instrument Design
Electronics
Analogue Computers
Cycle Analysts
Control Engineering
Computer Programming

THE GARRETT CORPORATION
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and
“Escape From San Quentin”
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Complete Selection of
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920 E. California, near Lake
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Bring this ad with you for
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Golf Prospects Good

In an exclusive interview for the California Tech, golf team captain, Ed Shuster, told of "enlivened hopes" for improving on last year's third place finish in SCC play. The team has three returning lettermen and several fine sophomore prospects; "hopes are high that they can carry the team to victory."

Things won't really get rolling until next term when SCC matches start, but there are two contests scheduled for this term, with Riverside and PCC.

Success seems to hinge somewhat on Jerry Siegel who, though ineligible this term, will be shooting from the number one spot if and when he returns to action. Besides Ed, Jim Sorenson and Jon Tibbitts are the returnees from the '57 season.

Fin 2

29th h, patented blooper singles division according to size and pre-rated ability.

Thincldas Show; Prep for SPAAU Meet Saturday

Caltech's thincldas will participate in the SPAAU track meet this Saturday at 2 p.m. on ELAJC's field. All major southwestern colleges and universities will be divided into divisions according to size and pre-rated ability.

Van Kirk Leads

Dick Van Kirk was the individual scoring leader for the team with a first in the broad jump and a second in the hundred yard dash. Lanny Lewyn out-distanced the field in the javelin throw, Tech's specialty since the days of Phil Conley. Gordon Barbenkov was the only man to clear the bar at 6'2" in the high jump. Russ Foerster hoisted for fourth place in that department and scored a win in the mile relay with a creditable 3:28.7.

Frosh Results

Frosh meet -- Caltech 14, Pomona-Claremont 29%. Redlands 64%, Whittier 4.

Beaver Nine Splits With Westmont

Ninth Inning Rally Gains Clutch Win

In a Frank Merriwell last-inning rally that had players and fans alike on their feet and screaming, the Caltech varsity preserved Tony Howell's winning record last Saturday over Westmont, 5-4. A sterling 12-strikeout performance by Westmont's Gilbert salvaged a split, however, in the second game, 9-1.

...Going into the last inning of the first game, the Beavers trailed, 4-1. Dave Blakemore led off with a single to left, but was forced by Dietz, batting for Teal. Freddy Newman, John Walsh, and Bill Kern were all walked by pitcher Smith. When he ran up a 24 count on Leeson, Gilbert came in on relief. He couldn't recover from the deficit, and Lee·

...n fooled in the second run of the inning. Price batted for Shanks and struck out. Wallace came up and hit a couple of curves, finally working the count to 3 and 2. With the runners off the pitch, there was no chance to stop Kern's run from second when Wallace hit one of his patented blooper singles directly over second base.

The second game was all Gil·

...ber's, as he struck out the side in the second, and two men in the third, fourth, fifth and sev·

...enth innings. John Price absorbed the loss for Tech, giving up only four hits but nine bases on balls. Walsh's triple in the second inning was Tech's only extra-base hit of the day. Keeny of Westmont hit one of the longest homers in recent years here, when he parked a blast in the second row of cars.

BOX SCORE

CIT

AB H RBI E
Blakemore, 3b 4 1 0 0
Teal, rf 0 0 0 0
Newman, es 3 0 0 0
Walsh, cf 3 1 0 0
Kern, e 1 1 1 0
Hartung, 2b 1 0 1 0
Shanks, if 0 0 0 0
Wallace, 1b 3 2 0 0
Howell, p 2 0 0 0
Leeson, 2b 1 1 2
(a) Dietz 1 0 0 0
(b) Price 1 0 0 0
Tots 25 4 5 2

Westmont

(a) Hit into fielder's choice for

(b) Struck out for Shanks

Westmont

AB H RBI E
Furle, If 0 0 0 0
Walker, 3b 3 2 0 1
Holt, lb 4 2 1 0
Taylor, c 3 0 0 0
Keeny, cf 3 1 2 0
Minder, as 0 0 0 0
Arens, 2b 3 0 0 1
Roth, rf 3 0 0 0
Smith, p 2 0 0 0
Gilbert, p 0 0 0 0
Tots 28 8 3 3

Westmont 0 0 0 0 1 4 6 8 3
Caltech 0 0 0 0 0 0 0 1 5 4 2

Second Game

Westmont 200 0 0 0 3 3 0
Caltech 0 0 0 0 1 3 2

SPAAU Meet Saturday

Caltech's thinclads will participate in the SPAAU track meet this Saturday at 2 p.m. on ELAJC's field. All major southwestern colleges and universities will be divided into divisions according to size and pre-rated ability.

Lack of depth hurt the Caltech track team at the SCC relays last Saturday as they garnered 33 points for a third place finish be·

Staying home tonight?

ENJOY Budweiser.

KING OF BEERS

WHAT IS THE MAN WHO KEEPS THE CIGARETTE MACHINES FILLED WITH LUCKIES?

 Sticklers are simple riddles with two-word rhyming answers. Both words must have the same number of syllables. (Don't do drawings.) Send 'em all with your name, address, college and class to Harry-Joe Lucky, Box 67A, Mount Vernon, N. Y.
Global News

FOREIGN

Nasser

President Nasser of the new United Arab Republic, toured Syria last week to consult on memberships in his Executive Council. He also spoke to nationalist crowds from Syria and nearby Lebanon, attacked the Arab Federation of pallet, and maintained that he will unify the Arabs whether they like it or not.

Hussein, speaking for his cousin Faisal, said that the Arab Federation would never give in, but Yemen has already agreed to join Nasser's Republic.

ECONOMIC

Argentina Elections

Arturo Frondizi became the first elected president of Argentina in recent years. The country had been run until now by Provisional President Aramburo and his military junta which forced Peron into exile in 1955. However, Peron’s influence remains strong; it is estimated that his instructions to vote for Frondizi turned the election. President Aramburo and his military junta which forced Peron into exile in 1955. However, Peron’s influence remains strong; it is estimated that his instructions to vote for Frondizi turned the election.

President Frondizi has already consented to a requested amnesty for Peronists but will not let Peron himself return unless the Congress approves.

DOMESTIC

Economy Sagging

The national economy is still in a recession. According to all indications unemployment hit four and one-half million in mid-January with layoffs continuing into February; department store sales are down as much as 20%, and railroad shipping volume is down 20% over last year.

—CIVIL ENGINEERS—

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Your future is unlimited in LOS ANGELES

The City of the Future

The tremendous growth and development of Los Angeles present challenging career opportunities to young engineers, helping to build the fastest-growing major city in the nation.

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Wednesday, March 12, 1958

CITY OF LOS ANGELES

Bureau of Engineering

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