

ASCIT PLAY  
TONIGHT AND  
FRIDAY

# CALIFORNIA TECH

California Institute of Technology  
Thursday, March 2, 1950

DIMMEST  
DANCE YET  
SATURDAY

No. 19

Volume LI.

## Tech Melodrama Tonight, Friday

Linda Pauling, Carl Fox, Jim Hendrickson  
Star; Olio Acts and Refreshments Also

The curtain goes up at 8:00 tonight on the first performance of the Drama Club's latest production: "Pure As The Driven Snow, or, A Working Girl's Secret." Featuring a stellar cast of Institute personalities, this old-fashioned melodrama will bring thrills and chills to a tense group of first-nighters.

A second performance will be given tomorrow, Friday, at the same time and will be followed by dancing in the student houses.

Whipped into shape by last year's talented director, Shirley Dean, the melodrama centers about an old New England Inn, and dealing with the troubles that befall the heroine, Purity (played by Linda Pauling), as she struggles to maintain her virtue in the face of the vicious plotting of that arch-villain, Mortimer Frothingham (aptly portrayed by Carl Fox).

Will the efforts of the hero, Leander Longfellow (Jim Hendrickson), save her from a fate worse than death, or will he too fall asnae of Frothingham's dastardly? Only the price of a ticket can bring you the answer.

### Olio & Refreshments

In addition to the regular performance, olio acts by campus celebrities will brighten the intermissions. Refreshments are also included in the price of the tickets, which are now on sale in the student houses and at the bookstore. Thursday night seats are selling for 50 cents apiece, Friday tickets for 60 cents apiece.

### Don't Miss It!

Culminating weeks of work by a large group of interested persons whose talents have combined to work on scenery, costumes, lighting, directing, and other details, the performance promises to be well worth the time spent on it. This is one event you can't afford to miss, bring your friends and show them that Tech isn't all slide rules, but raises its own ham as well. Remember, Tonight and Tomorrow Night! Terror stalks Culbertson!

## NACA Appoints Six From Tech

Six members of the staff of the California Institute of Technology have been appointed members of technical subcommittees of the National Advisory Committee for Aeronautics.

Dr. Ernest E. Sechler has been named a member of the Subcommittee on Aircraft Structures, and Dr. Frank Marble was appointed to the Subcommittee on Compressors. The following were reappointed: Dr. Clark B. Millikan, Chairman of the Subcommittee on Fluid Mechanics; Dr. B. Gutenberg, Special Subcommittee on the Upper Atmosphere; Dr. Hans W. Liepmann, Subcommittee on Fluid Mechanics; Dr. O. R. Wulf, Special Subcommittee on the Upper Atmosphere.

Members of the NACA's 27 technical committees are selected because of their technical ability, experience, and recognized leadership in their special field of competence. They serve in a personal and professional capacity without compensation in contributing their knowledge toward formulation of the research programs required for the country's air leadership.

## Campus Calendar

THURSDAY, MARCH 2  
12:00 Y Upperclass Lunch Club  
12:00 Throop Club Meeting  
7:15 ASCIT Board of Directors Meeting in Lower Fleming  
8:00 ASCIT Play in Culbertson  
FRIDAY, MARCH 3  
11:00 Awards Assembly in Culbertson  
4:00 Varsity Track vs. Cal Poly and U.A. State at Caltech Athletic Field  
8:00 ASCIT Play in Culbertson  
SATURDAY, MARCH 4  
10:00 Varsity Baseball vs. Muir at Caltech Athletic Field  
1:30 Varsity Tennis vs. Santa Barbara at Caltech Athletic Field  
2:00 Fresh Track vs. Citrus Junior College at Caltech Athletic Field  
9:00 ASCIT Dance at Altadena Country Club  
SUNDAY, MARCH 5  
7:30 Film Classic Series in Culbertson  
MONDAY, MARCH 6  
7:30 Film Classic Series in Culbertson  
TUESDAY, MARCH 7  
12:00 Y Fresh Lunch Club  
7:15 Alumni Placement Lecture Series in Ricketts House  
WEDNESDAY, MARCH 8  
7:30 Orchestra Rehearsal  
9:00 Glee Club

## Sporty ASCIT Dance To Be Held Tomorrow

The ASCIT sport dance will be held at the Altadena Town and Country Club on Saturday, March 4, 1950, from 9 p.m. until 12:30 a.m. A Hawaiian atmosphere will be supplemented by the satisfying music of Hal Lomen.

### Honored Guests

Dr. Robert F. Bacher and Dr. Hallett D. Smith will be honored guests at the dance. It is hoped that many who have not already had the opportunity of meeting Dr. Bacher and Dr. Smith in an informal way, will be able to do so at this time.

Those who attended the Christmas Formal remember the superb job of decoration achieved by the Instituters. The Instituters are now engaged in completing plans for converting the Altadena Town and Country Club into a Hawaiian paradise. Leis will be given at the door to attending couples. Palm fronds and palmetto trees placed about the floor will create a verdant tropical atmosphere. The enchanting music of Hal Lomen and his orchestra, emanating from a thatched Polynesian hut, will accentuate the captivating surroundings.

### Darkest

This dance will be famous as the darkest dance in ASCIT history. It has been predicted on the basis of advance information that palm fronds thickly covering all lights, plus the removal of all fuses will, for all practical purposes, lower the light intensity to zero. If you don't believe it, come and see for yourself—and don't forget that there will be music, too.

You can be sure that this dance will be one of the typical outstanding ASCIT affairs.

## Bio Club Plans Desert Outing

The destination for this year's Biology Club spring field trip has finally been decided upon. After a study of desert rainfall conditions, Dr. Frits Went, leader of the "expedition," has announced that the Organ Pipe Cactus National Monument promises to have the best display of desert wild flowers this season. Accordingly, interested faculty members, graduate and undergraduate students will band together for a trip to this region.

### Popular Event

The desert field trip has proved so popular that it has been an annual affair for some years, earlier parties having visited Death Valley, the Anza Desert and parts of Baja California. Although the trip is made for the serious scientific purpose of investigating the various factors involved in the flowering of desert plants, the three to four day camping trip is also a period of rest from studies and enjoyment of the outdoors. Hence it has been the policy to invite all those with a serious interest in the desert, despite any present lack of knowledge of the subject, who are willing to rough it for a few days, and who will help in collecting the data Dr. Went needs for his ecological research.

As such, the trip is an ideal way to cheaply spend a few days of the between semester holiday in traveling and accumulating some very interesting knowledge about desert life.

### Formidable Scenery

The Organ Pipe Cactus National Monument is located on the Mexican border to the southeast of Yuma, Arizona, and is noted for its formidable desert scenery and rare fauna and flora.

It is not as often visited as other National Monuments because of the necessity of carrying supplies of gas and water into such a desolate region. The field trip thus offers an opportunity to visit this area with a large group of experts.

(Continued on Page 4)

### Qualifications

Eligible for election to Tau Beta Pi, national engineering honor society, are juniors from the top one-eighth of their class, and seniors from the top one-fifth. However, once eligible, qualifications of character and participation in extra-curricular activities determine membership.

After pledges are selected, they will undergo a three-week initiation period in which they will polish and machine brass bents for the actives, collect autographs of 100 alumni members, and perform sundry other initiation duties.

(Continued on Page 4)

## Merten Next ASCIT Prexy; New Board Meets Tonight

## Awards, Ball Film Friday

Official pictures of the 1949 World Series will be featured at tomorrow's assembly in Culbertson Hall at 11.

Included in the program will be basketball awards and an award for the Caltech Tournament of Roses float. This year's basketball lettermen will be announced, as will the captain elected by the team.

### To Present Trophy

Mr. Howard S. Vesper will be on hand to present the first award of the Vesper Trophy. This award is given to that member of the basketball team who has excelled in sportsmanship, improvement, moral influence, and scholarship.

The winner of this award is

Assembly, March 10  
Oxy Glee Club  
11:00, Culbertson

chosen by his teammates. Mr. Vesper, who is now in San Francisco as president of the California Research Corp., graduated from Tech in 1922.

### Award of Merit

Dr. DuBridge will introduce Mr. L. Clifford Kenworthy, president of the Pasadena Tournament of Roses Association, who will present an Award of Merit in the Class H competition—a framed color photograph of the school's float.

## Musicale Concert Features Soloists

—By Bill Whitney

Doriot Anthony, flutist, and Lillian Magidow, pianist were the soloists at a concert sponsored by the Caltech Musicale in Dabney Lounge Monday evening.

The program consisted of selections from both early and recent composers. Miss Anthony played the A Minor Sonata for Unaccompanied Flute by Bach; Miss Magidow performed Ravel's "Sonatina for Piano (1905)." Together, they played "Three Pieces for Flute and Piano" by Couperin, the "Sonata for Flute and Piano," by Hindemith, and "Theme and Variations for Flute and Piano," based on "Trockne Blumen" from "Die Schoene Muellerin," by Schubert.

### Satisfying

The performance of the duo was a very satisfying one. Both soloists have excellent technical mastery of their instruments. Miss Anthony played the Bach Sonata with control and understanding. Miss Magidow is able to obtain a surprising amount of force from her piano, and at the same time retain a touch light enough to keep heaviness out of the more delicate passages of the Ravel sonatina. The Hindemith sonata was particularly well done.

The soloists are young, but both have had extensive opportunity in the past to demonstrate their abilities. Many Caltech students may be familiar with the playing of Miss Anthony, who is second flutist in the Los Angeles Philharmonic Orchestra. She is also active in the Wilshire Ebell Evenings on the Roof concerts, and plays also with the Alice Ehlers Ensemble of Ancient Instruments.

### SC Student

Miss Magidow won the Hollywood Bowl competition in 1946. At present she is a student at USC, pursuing an academic course of studies.

The Musicale plans to present possibly three more concerts of a similar nature during the remainder of the school year. Announcement of the exact dates will be made later.

## Runoffs For Vice President, Treasurer Athletic Manager and Second Rep.

The Caltech voters, plagued with pleadings, politics, and slogans of literally hundreds of ingenious campaign signs lining Olive Walk, went to the polls last Thursday afternoon to cast their votes for the ASCIT officers for next year. Results are tabulated below.

So vigorous and original were the campaigns that even the Star-News wrote a huge story on Caltech's ASCIT elections, a product of science and engineering.

In many cases the outcomes of the elections were very close and four run-offs were held on Tuesday. They were for the office of Vice-President, Treasurer, Second Representative, and Athletic Manager.

New Wheels  
President: Ulrich Merten.  
Vice-President: Olly Gardner.  
Secretary: Stan Groner.  
Treasurer: Pete Mason.  
First Rep: Bob Davis.  
Second Rep: Pat Fazio.  
Athletic Manager: Dave Hanna.

Publicity Manager: Bob Stanyaway.

Rally Commissioner: Frank Ludwig.

Yell Leader: Chuck Miller.  
Business Manager of The California Tech: Charles Steese.  
Editor of The California Tech: Bob Kurland.

Business Manager of the Big T: Chuck Walker.  
Co-Editors of the Big T: John Boppert and Barney Engholm.

### First Meeting

The new Board of Directors will be sworn in tonight at their first meeting, with the exception of the new Treasurer, who will not take office until the first term of next year.

## Interview Schedule

MARCH 3—ROHM & HAAS COMPANY, Philadelphia, Pa. Mr. J. F. Kincaid, Interviewer. Especially interested in PhD degree men in physical and analytical chemistry, as well as a few organic chemists. Post-graduate fellows in the above option interested in permanent industrial employment are also desired.

MARCH 7—REYNOLDS METALS COMPANY, Phoenix, Arizona. Mr. J. E. Reynolds, Personnel Manager, Interviewer. BS degree men in Mechanical Engineering who have worked at least part of their way through school and who have participated in extra-curricular activities. After a training period the job most likely to be assigned is in Process Development.

MARCH 10—RYAN AERONAUTICAL CO., San Diego, Calif. Mr. G. M. Andrew, Chief Aerodynamicist, Interviewer. MS degree men in Aeronautical Engineering and in Mathematical Physics.

MARCH 10—NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS, Moffett Field, Calif. Mr. E. P. Hartman, Interviewer. MS, AE, and PhD degree men in Aeronautical Engineering and Mathematics. Openings will be in Moffett Field, Calif.; Cleveland, Ohio; and Langley Field, Virginia. (No summer openings).

MARCH 28—DOW CHEMICAL COMPANY, Midland, Mich. and Pittsburgh, Calif. Mr. L. Starks and Mr. G. G. Allen, Jr., Interviewers. Details later.

APRIL 3 & 4—INTERNATIONAL BUSINESS MACHINES, Endicott, New York. Details later.

APRIL 3, 4 & 5—E.I. DU PONT & DE NEOMOURS COMPANY, Wilmington, Del. Mr. J. V. Reynard, Personnel Division, Interviewer. Details later.

APRIL 24, 25 & 26—GENERAL MOTORS CORPORATION, Detroit, Michigan. Mr. Kenneth A. Meade, Interviewer. Details later.

### PART TIME POSITIONS

SELLING  
One boy to sell automobile and truck insurance on commission basis. Hours may be arranged for the individual.

Several boys to sell in paint store on Saturday only. Experience in paint selling preferred, but not necessary. Work will be located in Los Angeles, so—must have car. This may lead into a summer position.

## Lettermen!

Basketball lettermen will be measured for their award sweaters tomorrow, March 3, at 12:30, in Fleming lounge.

Men wishing new stripes on their sweaters, and freshman numeral winners desiring to order sweaters should also be present at this time.

## Peace Problems

### To Be Discussed

Quaker proposals for world peace will be discussed by the Institute of International Relations at a two-day meeting to be held tomorrow and Saturday at the First Congregational Church, 464 E. Walnut St., Pasadena.

All Techmen are invited to attend the meeting, which will

(Continued on Page 4)

## IRE's To See Radar On Next Field Trip

The IRE will conduct a field trip to the L.A. Airport to examine and see a demonstration of Ground Controlled Approach radar equipment. The trip will take place Wednesday, March 1, and Friday, March 3. Those going should meet at the entrance to Tournament Park at 12:45. Transportation will be arranged at that time. All who are interested are invited.

FULL TIME OPENINGS FOR JUNE GRADS  
(May or May Not Interview Later)  
BETHLEHEM PACIFIC COAST STEEL CORP., San Francisco, Calif. Interested in Civil Engineering graduates to train for eventual placement in Fabricated Steel construction engineering and contracting, and in Mechanical Engineering graduates to train for such placement in steel plant operations. Part of the training program is in the East, then return to Pacific Coast for completion of training. Permanent assignments will be on Pacific Coast.  
HOUSING  
Boy to take tickets, and meet the public. Must be at least 20 years of age. Work will be every evening, and Saturday and Sunday afternoons.  
THE U.S. NAVAL CONSTRUCTION BATTALION CENTER, U.S. NAVAL SHIPYARD, Port Hueneme, Calif. Is in the process of establishing a new Engineering Research and Evaluation Laboratory. Most of the positions are concerned primarily with research along various engineering lines including electronics, chemistry, physics, mechanical engineering, and geology. It is their desire to receive applications from well qualified persons in these fields. The positions range from the trainee grades of GS-5 (\$3351 per annum) through the higher echelons of GS-14 (\$8800 per annum).

## Second Rep's Report

This article was originally written as a report to the under-classmen by the Second Rep. on the activities of the ASCIT Board of Directors, but because of its general scope it has been adapted for this presentation to the entire student body.

### Finances

The new board, shortly after inauguration third term last year, was greeted with many financial difficulties. It was found that due to the increase in expenses and generally increased cost of living, ASCIT was unable to operate without an increase in revenue. ASCIT had undertaken to give more to the members at a lower cost than any other student body in this area. As a result the board recommended an increase in dues to \$17.50 per year for each student. The student body approved this in an amendment passed at a general election. The Institute also standardized its allotment from Book Store funds to the student body. An average break down of the dues is as follows:

Athletic Department	\$5.50
Big T	\$4.00
California Tech	\$1.50
Social Affairs	\$2.00
Athletic and other awards	\$2.50
Miscellaneous (assemblies, etc.)	\$2.00

The budget adopted for the fiscal year July 1949-July 1950 is \$9,932.50. The ASCIT Treasurer may be contacted for a complete break down of this sum.

### Athletics

During the past year there has been much discussion on the general topic of minor sports and their importance at Caltech. The board has taken action to make the application and acceptance of new minor sports more uniform. Previously, when a new minor sport desired recognition there was some question as to the procedure to be followed and to the relative authority of the ASCIT Board, the Athletic Council and the Physical Education Committee. Under the program established there is a definite system of the Athletic Council. This program was not designed to encourage new minor sports nor to discourage them, but to establish a uniform workable system of acceptance. The exact program to be followed may be obtained from the Athletic Department.

The board has also passed legislation clarifying the status, eligibility and award system for all non-conference sports.

### Awards

Most students will probably be surprised to find that about 14% of their dues is earmarked for athletic and other awards. During the third term last year and the first term this year ASCIT awarded 29 Honor Keys, 14 Forensic awards, 89 varsity major sport awards, 40 varsity minor sport awards, 84 frosh numerals, and 17 special championship team awards for tennis and cross country. All of these awards have been made with the idea of promoting intercollegiate athletics and forensics through an appropriate system of awards. These awards have been made on the basis of playing time in games and results in competition. They have been given upon the recommendation by the respective coaches subject to the approval by the Board of Directors.

### Social Activities

The ASCIT social calendar calls for at least one student body function every term. Under the direction of the First Representative we have had the "Five School Dance" at Santa Anita with Whittier, Oxy, Pomona, and Redlands; the Gym Fund Dance with the Alumni Association; the Christmas Formal at the Riviera Country Club, and on March 4th we are scheduled to have an ASCIT dance at the Altadena Country Club.

### Other Activities

One of the main gripes voiced before the board this year was the continuous appeal to the students for money by charity organizations. The Combined Charity Drive to include the March of Dimes, Community Chest and WSSF was tried to solve the problem. This drive, the only ASCIT sanctioned on-campus drive to be held each year, with the exception of the Caltech Y drive, was held in November under the direction of the ASCIT Vice-President. The drive proved to be successful and this combined drive system will probably be continued in the future.

Four members of the ASCIT Board are regular members of the Inter-College Conference which deals with SCIC problems.

The student car repair lot was put under the direction of the Second Representative. The lot has been surfaced, and equipped with a workbench and vise. Any student body member may use the lot (this is the only place on campus where cars may be legally repaired) by securing the key to the lot from the Second Rep.

ASCIT has been invited this year, as two years ago, to join the National Student Association. This is an association of about three hundred American colleges dedicated to maintain academic freedom, stimulate student governments, promote international understanding and guarantee equal rights to all students (taken from the N.S.A. constitution). Because of insufficient knowledge of this organization the board has not acted on this matter.

On behalf of all of the board members I wish to thank the student body and faculty of the Institute for the cooperation given us during our term of office.

Respectfully submitted,

Stan Groner.

## The Evening Concert

KFAG 8-10 p.m.

Presented by the Southern California and Southern Counties Gas Companies

THURSDAY, MARCH 2

Prince Igor—Overture, by Borodin. London Philharmonic Orchestra conducted by Sir Thomas Beecham (11).

Symphony No. 2 in C Major, by Alfonso Turin Symphony Orchestra conducted by Fernando Previtali (32).

Gregor Piatigorsky, Violoncellist (35).

Concerto in B Minor for Violoncello and Orchestra, by Dvorak. The Philadelphia Orchestra conducted by Eugene Ormandy.

Le Bourgeois Gentilhomme—Suite by Richard Strauss. Vienna Philharmonic Orchestra conducted by Clemens Krauss (34).

FRIDAY MARCH 3

Weekly Feature Concert—New Recordings Libuse—Overture by Smetana. Hrajc Orchestra conducted by Otakar Jeremias (9).

Symphony No. 3 in B Minor (Ilia Mourometz) by Gliere. Orchestra of St. Cecilia Academy, Rome, conducted by Jacques Rachmilovich (48).

Ruggiero Ricci, Violinist (26).

Concerto No. 3 in B Minor, by Saint-Saens. Lamoureux Orchestra of Paris, conducted by Eugene Bigot.

Music for Strings, by Bartok. Los Angeles Chamber Orchestra conducted by Harold Byrnes (28).

SATURDAY, MARCH 4

The Masked Ball, by Verdi. Soloists, Chorus and Orchestra of La Scala, Milan, conducted by Carlo Sabatino.

MONDAY, MARCH 6

If I Were King—Overture, by Adam. Berlin Philharmonic Orchestra conducted by H. Schleifer (7).

Symphony No. 3 in F Major, by Brahms. Boston Symphony Orchestra conducted by Serge Oussevitzky (36).

Denis Matthews, Pianist.

Concerto o.N. 23 in A Major for Piano and Orchestra (K. 488), by Mozart. Liverpool Philharmonic Orchestra conducted by George Weldon (24).

Thirty-two Variations in C Minor, by Beethoven (12).

Tristan and Isolde—Symphonic Synthesis, by Wagner. The Philadelphia Orchestra conducted by Leopold Stokowski (34).

TUESDAY, MARCH 7

Waldmeister—Overture, by Johann Strauss. German Opera House Orchestra of Berlin conducted by Walter Lutze (9).

Symphony No. 2 in E Minor, by Rachmaninoff. Minneapolis Symphony Orchestra conducted by Dimitri Mitropoulos (44).

Jascha Heifetz, Violinist.

Scottish Fantasy, by Bruck. Symphony Orchestra conducted by William Steinberg (26).

Introduction and Rondo Capriccioso, by Hummel, by Saint-Saens (8).

Zigguerwisen, by Sarasate. London Symphony Orchestra conducted by John Barbirolli (9).

Kamennoi-Ostrow, by Rubinstein. Boston "Pops" Orchestra conducted by Arthur Fiedler (9).

WEDNESDAY, MARCH 9

La Belle Helene—Overture, by Offenbach. Boston "Pops" Orchestra conducted by Arthur Fiedler (9).

Symphony No. 4 in A Major Italian, by Mendelssohn. National Symphony Orchestra conducted by Heinz Unger (30).

Set Svanholm, Tenor (48).

Hochster Vorraun' in fernem Land from Lohengrin, by Wagner.

Act 3, Scene 3, from Siegfried, by Wagner.

Eileen Farrell, Soprano. Rochester Philharmonic Orchestra conducted by Eric Leinsdorf.

Cesar Saltan—Suite, by Rimsky-Korsakov. London Philharmonic Orchestra conducted by Gregor fitelberg (16).

Les Eolides—Symphonic Poem, by Franck.

Columbia Broadcasting Symphony conducted by Howard Barlow (9).

Dennis Matthews, Pianist.

## Potpourri

By Bob Crichton

In my opinion, Dr. Millikan deserves the award of "Best After Dinner Speaker of the Year." A few days ago, he was asked to make the principal address at a dinner of the Van Nuys Chamber of Commerce.

The story (as reported in the L.A. Times) is as follows: Dinner began at 6 p.m. New officers were installed, 20 distinguished guests were introduced, a treasurer's report and several other committee reports were read, the new president made a speech, several service awards were presented and then two movie stars were introduced and eulogized. At 10:15 they asked Dr. Millikan to make his address. He refused and went home.

Dr. Millikan's version is as follows: "I felt that everyone had been there long enough. I think the audience agreed with me. They applauded enthusiastically—not just politely—when I sat down. I'm sure there are no ill feelings."

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The Biology Department News magazine, Bio-Peeps, reports that there was a designation on a Biology 1 Bluebook: Bile 1.

\* \* \*

Edward G. Robinson, the movie star, has given \$250 to the Biology Department as a contribution to research on the mechanism of electronarcosis.

\* \* \*

Because scientists and engineers have to recognize the existence of politicians, I print the following from the L.A. Times of Feb. 14. Let me say first that I think Rankin is all wet.

Rep. John Rankin (D) Miss., the other day made an attack on Dr. Albert Einstein. The attack was prompted by Einstein's statement that the only solution to the present arms race is a "supranational judicial and executive body" to settle security problems.

Rankin attacked Einstein as "one of the greatest fakers the world ever knew."

"Ever since he published his book on relativity, to try to convince the world that light had weight, he has capitalized upon the alleged reputation as a scientist."

"He has been engaged in Communist activities in this country for a long time . . . He had no more to do with development of the atomic bomb than if there hadn't been such a thing. American scientists developed the atomic bomb."

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There are one or two interesting facts about the recent ASCIT elections. Firstly, the large number of candidates and the enthusiasm of their campaigns gives eloquent testimony to the real student interest in the ASCIT and the Caltech campus. Secondly, the honor of most popular man on campus (i.e., the one with the most votes) this year goes to Charlie Steese.

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Several student geologists went on a field trip this last Christmas vacation to the Avawatz Mountains. Dr. Jahns was the guide, and he grew quite envious of the large "GUIDE" button, several inches in diameter, that Tom Fahy was wearing. Dr. Jahns finally talked Tom out of the button, on the condition that Dr. Jahns would wear it on the next spring field trip that he led. Well, by a stroke of luck, Dr. Jahns was appointed to lead the spring field trip this year. All the geologists are rubbing their hands and unbuckling their cameras at the thought of Dr. Jahns, with a large "GUIDE" button in clear sight, lecturing before the assembled tourists that will be bound to accumulate at the many stops of the trip.

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# Hardwooders Drop Two; Finish Season In Cellar

By Jack Scantlin

Ending the 1950 basketball season, in what was not exactly a blaze of glory, the Caltech varsity dropped their last two games last week 38-31 to Pomona and 55-44 to Occidental.

**Pomona Defense**

In the Pomona game last Wednesday, a tight defense by the Sagehens prevented the Tech gunners from working many scoring plays. Thorne Butler had trouble scoring with his usually deadly hook shot and was held to 10 points for the evening.

Wille Cooper of Pomona was the big gun, going wild for 18 points during the game while also playing a fine defense.

Pomona scored first, and was never overtaken, but the Beavers never did let up, and finished strong.

**Oxy Wins**

Although Occidental won the league finals, they were forced to come from behind in the last

(Continued on Page 4)

**At A Glance**

**Basketball—**  
Pomona, 38; Caltech, 31.  
Oxy, 55; Caltech, 44.  
Oxy Frosh, 40; Caltech Frosh, 28.

**Baseball—**  
Muir, 4; Caltech, 3.

**Tennis—**  
Caltech, 5; Muir, 4.

**Interclass Track—**  
Frosh, 55½; Seniors, 48½; Juniors, 40;

Frosh, 21.

**SPEAKIN' SPORTS**

with Mike

Four seniors hung up their Wilson's last Saturday night in completion of their college basketball careers. Every one deserves our thanks and appreciation of a well-played season, even though the team was not too successful on the scoreboard. The uniforms of Cox, Montgomery, Bowen and Baker will be hard to fill—the spirit they showed will be impossible to replace.

**Spikes**

Talkin' track, we are pleased at the performance of our lower class Sophs running off with the honors. Behind the scenes, however, we saw where a mere five seniors first-placed themselves to a second place in the meet.

Be this as it may, the youngsters proved to us that maybe conference foes have something to worry about—not only this year, but the next and the next. Although the yearlings didn't do too red hot, we ought to keep our eye on the sprint men of the class of '53—it seems to me that a couple of those sets of spikes will turn

(Continued on Page 4)

# Beaver Sports

**Track Preview**

—by Pete Mason

To wander afiel for a minute, it looks like the U.S. has finally got some distance men. Since we usually lose anything over the 880 in international competition, the advent of Stone, Wilts, Gehmann Oshenfelter, Mach and Church is welcome. Wilts ran an 8:55.2 two-mile Saturday, while Church, who is still in college, ran a 9:07.2. Mach did a record-breaking 4:11 mile to help Michigan State win the National 4-A indoor track meet. We go into the middle distances this week with the Techmen who are running the 440-yard and 880-yard dashes.

**440-yard dash.** Loss of all four of our good 440 men hurts this year, but some good material is coming up to replace it. Walt Edwards and Odell Carson have both done 53.7 while Bob Parnes and Cook aren't far behind. Competition is rough though, mostly in the form of "Bullet Bill" Parker of Oxy, who has run about 48.5. Also in the run-

(Continued on Page 4)

**BY A NOSE!**

Walt Edwards, junior, shades out Odell Carson, senior, in the 440-yard dash of the annual interclass track meet held Saturday afternoon. The Sophomore class won by seven points over the Seniors; with Juniors third, and the Frosh fourth.

## Tennismen Drop Muir Squad; 5-4

Last Friday the Tech racketeers started their season by defeating Muir Junior College in a practice match played on the Brookside Courts. The Tech players had a hard time overcoming the slipperiness of the courts before it grew too dark to play, but they managed to squeeze out a victory.

Jack Martin, filling the spot left temporarily open by Sid Stone, played first singles against Muir's John Jet and, after putting up a good battle, was beaten, 8-6, 6-3. The only other singles match that we lost was the one Roger Baier had to default. However, our second, third, fifth, and sixth singles players were a little more successful and Dean Blanchard, Jack Poindexter, Ed Welch and Jim LaFleur all won their matches.

**Drop Doubles**

We were not quite so fortunate in the doubles contests, however. Blanchard and Martin, playing first doubles for us, lost their match in almost pitch blackness. Ed Welch and Jack Poindexter won their match just before darkness fell, and Jim LaFleur and Don Schmid lost their third doubles match. This

(Continued on Page 4)

# Sophomores Win; Four Track Marks Fall

## Five Fighting Seniors Draw Second Juniors Draw Third; Frosh Fourth

Last Saturday saw the Sophomore track men humble their elders and juniors by a decisive score at Caltech Athletic Field in the annual interclass meet. Led by Pilkington in the mile, Irwin in the hurdles, Parnes in the 880 and Noble in the javelin, and backed by lots of depth, they managed to gather 55½ points to the

Seniors 48½, the Juniors 40 and the Frosh's 21. Individual standout was Dwight Schroeder, running for the Seniors. Dwight took first in the 100, low hurdles, and broad jump, and ran on the victorious Senior relay team.

**Records Fall**

Coach LaBrucherie didn't get his nine new records that he expected, but four did fall and another was tied. Tyson put the shot 47' 9 3/4", Dwight Schroeder ran the low hurdles in 24.8 and Pete Mason ran the two mile in 10:06.8. All of these broke existing records by a considerable margin. In addition, Bill Irwin ran the high hurdles in 16.3 to tie the existing record. Close to the record was the Senior 880 relay mark, which was won with a good time of 1 min. 35.7 sec. Existing record is 1 min. 33 sec. This time was remarkable in that only two of the men, Carson and Schroeder, were sprinters. Tyson and Walt did an excellent job of sprinting to get this good time.

**Frosh Speed**

Another standout was Frosh sprinter Pat Fazio, who won the 220 and took second in the hundred. Pat should score himself and the team plenty of points in intercollegiate competition.

Results were as follows:

**100 yard dash:** Schroeder (S), Fazio (F), Kitching (So.), Paulson (Jr.). Time 10.4 sec.

**220 yard dash:** Fazio (F), Carson (S), Walker (F), Moore (So.) Time 23.4 sec.

**440 yard dash:** Edwards (Jr.), Carson (S), Cook (So.), Perpall (So.). Time: 53.7 sec.

**880 yard run:** Parnes (So.), Johnson (F), Taggard (So.), Dickinson (So.). Time 2:05.0.

**Mile:** Pilkington (So.), Cobb (Jr.), Lansdown (S), Dickinson (So.). Time: 4:53.5.

**\*Two mile:** Mason (Jr.), Pilkington (So.), Cobb (Jr.), Lansdown (S). Time: 10:06.8.

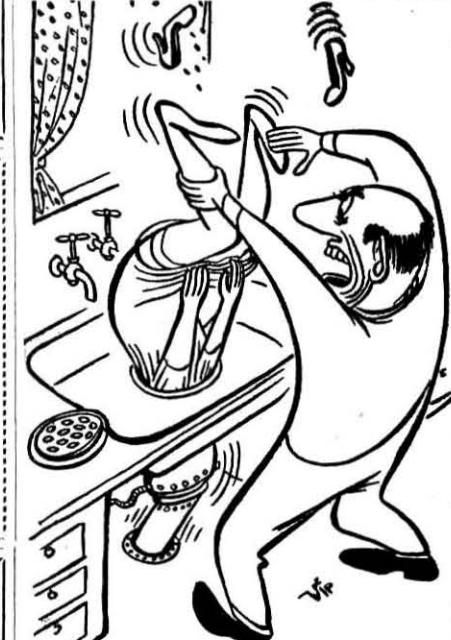
**†High Hurdles:** Irwin (So.), Waid (Jr.), Stanaway (So.), Kliegel (F). Time: 16.3 sec.

**\*Low Hurdles:** Schroeder (S), Waid (Jr.), Irwin (So.), Kliegel (F).

(Continued on Page 4)

**CALTECH BASEBALL SCHEDULE**

Mar. 1—PCC at Caltech  
Mar. 4—Muir at Caltech  
Mar. 8—LA State at Caltech  
Mar. 11—Nazarenes at Caltech  
Mar. 21—Caltech at LaVerne  
Mar. 25—Caltech at Cal Poly (SLO)  
Mar. 27—Caltech at Pepperdine  
Mar. 28—Muir at Caltech Frosh  
Apr. 1—Whittier at Caltech  
Caltech Frosh vs. Whittier  
Apr. 4—Pepperdine at Caltech  
Apr. 7—Caltech Frosh at Pomona  
Apr. 8—Pomona at Caltech  
Apr. 11—Muir at Caltech Frosh  
Apr. 12—Chapman at Caltech  
Apr. 15—Caltech at Redlands  
Redlands at Caltech Frosh  
Apr. 22—Oxy at Caltech  
Caltech Frosh at Oxy  
Apr. 29—Caltech at Pomona  
Pomona at Caltech Frosh  
May 2—Caltech at Whittier  
Whittier at Caltech Frosh  
May 10—Caltech at Oxy  
Oxy at Caltech Frosh  
May 13—LaVerne at Caltech  
May 20—Redlands at Caltech  
Caltech Frosh at Redlands



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## Caltech Fellowship Discusses John 12

Next week's discussion of the Caltech Christian Fellowship will be in the twelfth chapter of John. Here Jesus Christ said, "Unless a grain of wheat falls into the earth and dies, it remains alone; but if it dies, it bears much fruit."

The group meets at 12:30 in 251 W. Bridge on Tuesday and Thursday. All interested are invited to take part in these discussions.

### BIO CLUB PLANS

(Continued from Page 1) Experienced desert travelers in comparative ease and safety. The party will also stop by other points of interest on the way to the Monument, a side trip to the Kofa Mountains or a short run into Mexico are under consideration.

### Participants Share

The number of participants in the trip is limited by the number of those who are willing to take their cars and accept riders. In the past it has usually been possible to provide rides to all those without their own transportation, and it is hoped that this will again be the case. Since camping and cooking equipment are needed, as well as the hands to do the work, riders are usually welcome.

### Inexpensive

Expenses are surprisingly small, since the costs of cooking and gas and oil are divided among each car group. Last year's four day trip to Baja California resulted in a cost of about \$8 a man, not much more expensive than staying in Pasadena for the same period. Of course, individual preferences for food and the mileage obtained on different cars lead to some variation.

Since it is desirable to get plans for the trip completed as soon as possible before the finals rush, persons interested in taking part should sign up immediately. Either get in touch with Bruce Stowe, Fleming 72, or Charles Bates, Blacker 21, personally, or leave a note in the B box in lower Throop. Please state if you intend to take your car and how many others you can take with you.

### WHO DEALT THIS MESS

(Continued from Page 2) king. For even if east has the king, he will cover the queen with it, thereby forcing out south's ace and leaving east-west in possession of the two high cards in the suit—the jack and ten—to take tricks with.

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## New Fellowship Established

Dr. Lee A. DuBridge announced last week the establishment of a Graduate Fellowship for work in the field of Biochemical Genetics.

The Fellowship, which is established by the McCallum Foundation in co-operation with the Nutrition Foundation, provides for tuition, living expenses and research supplies—a total of \$2500—for a student interested in investigating the basic ways in which living cells build up and utilize foodstuffs.

Mr. McCallum is president of the Flako Products Corporation of New Brunswick, New Jersey.

Last week's barn dance with Ricketts was especially notable for the good band, reasonably roomy floor, and the number of A's in the Flame Contest. Ricketts won both this and the Crew race, though both victories were by the narrowest possible margin.

### Gad!

Stout Lady (at a filling station): "I want some oil."

Attendant: "What kind, heavy?"

Stout Lady: "You impudent pup!"

### Gad!

I rose and gave her the seat, I could not let her stand; She made me think of my mother,

With the strap there in her hand.

### PEACE PROBLEMS

(Continued from Page 1) feature such discussion leaders as J. Anton de Haas, professor of International Relations, Claremont Men's College; Henry G. Dittmar, Humanities professor at Redlands University; and Bert G. Mitchell, who recently returned from Hungary, where he served for two years with American Friends relief team as liaison with the Russians.

### Peace Questions

General questions concerning foreign relations, peace with Russia, Germany, East-West trade, the UN, and internationalism will be discussed.

Friday's meeting begins at 6 p.m.; Saturday's at 9 a.m.

Among organizations participating are:

American Friends Service Committee, National Students Association Regional International Affairs Commission, YMCA and YWCA, Pacific Southwest Region, Los Angeles Area Council for the UN, Student Division of United World Federalists, and other college organizations.

### Egad!

Client (puffing): Some walk up those twelve flights.

Lawyer: Why didn't you take the elevator?

Client: I meant to—but I missed it.

### Gad!

"Jim proposed to me last night and I'm sore at him."

"What makes you so mad?"

"You ought to have heard what he proposed."

### TRACK REVIEW

(Continued from Page 3)

ning are Smith and Newton of Whittier, who have done 51.5 and 51.1, respectively. Rumor is that the Oxy four-man mile team has hit 3:20 this year, which means an average of 50.0s. Not surprising, since John Barnes and Dave Kamonshi are probably running this event.

### 880-yard dash.

Again we lost all of our top men in the event. Best time this year is Bob Parnes with a 2:05.0, followed by Pete Mason with 2:07. Walt Edwards, Ray Bowerman and Dick Dickinson are also running in the event. Again Oxy is the big threat with John Barnes (1:58.7 against us last year), Dave Kamonshi and Cotrel. Also Jonir of Whittier has run 2:07.8 as a Frosh and may improve this year.

### FRONT BURNER

(Continued from Page 2)

plays given in their original languages—all of these are being used throughout the country by professional, community, college and high school theatres, in observance of this special month.

This year's International Theatre Month is especially important as its success serves to indicate the possibility of establishing the project on a global basis. Immediate goals of the March 1950 project are: (1) dramatization of UNESCO'S ideals and (2) proving that the theatre is a cultural force in the life of America and Americans.

### SPEAKIN' SPORTS

(Continued from Page 3) into valuable cleats come next fall.

### Oval Observers

I sometimes wonder how many of us have ever seen a track meet. You really don't have to be an ardent fan to get a charge from cheering Mason on as he sprints to a finish at the end of a two-mile grind or to show your vocal appreciation of Walt's 13-foot vault. Although some of us feel that there isn't the body-to-body contact nor the team play that some of our other sports have, we cannot judge track as a drab show. Try coming out to the College Conference Relays on March 11 at Oxy and prepare to be surprised. Your student body card is good.

### HARDWOODERS

(Continued from Page 3) minutes of the game. Tech took an early 7-4 lead with buckets boy Montgomery, Butler, Patapoff and Bowen. The Beavers found themselves with a 27-23 lead at halftime.

### Fatal Push

The lead changed hands several times during the second half, but a last minute push by Oxy gave them an 11 point lead which the Beavers could not overcome.

Pomona (38)	Caltech (31)
Welch, 6.....F	Gray, 6
McColl, 6.....F	Bowen, 8
Woods, 3.....C	Butler, 10
Essig, 8.....G	Cox, 2
Cooper, 18.....G	Montgomery, 2
Scoring subs: Pomona: Allen 3; Caltech: Seel 3.	Seel 3.

Occidental (55) Caltech (55)

Haas, 20.....F Bowen, 4

Kellogg, 2.....F Patapoff, 6

Potter, 14.....C Butler, 11

Tunney, 10.....G Montgomery, 4

Crandall, 5.....G Cox, 12

Scoring subs: Oxy: Stewart 4; Caltech: Gray 1, Libby 2, Sereno 4.

### SOPHOMORES WIN

(Continued from Page 3) (F). Time 24.8 sec.

**Relay:** Seniors, Frosh, Sophs (tie); Juniors. Time 1:35.7.

\***Pole Vault:** Walt (S), Riggs (So), MacEwing (So) (tie), Kamei (Jr). Height: 12' 11 3/4".

\***Shot:** Tyson (S), Lewis (Jr), Miller (Jr), Woody (So). Distance: 42' 9 3/4".

**Discus:** Tyson (S), Miller (Jr), Lewis (Jr), Woody (So). Distance: 125' 3/4".

**High Jump:** Waid (Jr), Walt (S), Winslow (F) (tie); Kitching (So). Height 5' 9 5/8".

**Broad Jump:** Schroeder (S), Kitching (So), Davis (So), Kamei (Jr). Distance: 21' 11".

**Javelin:** Noble (So), Woody (So), Tyson (S), Stranahan (F). Distance 148' 9 1/2".

\*new record.

#ties record.

**Finals:** Seniors 48 1/2, Juniors 40. Sophomores 55 1/2, Freshmen 21.

### TENNISMEN DROP

(Continued from Page 3) week the team plays three practice matches in preparation for its first conference match with Whittier, which is scheduled to be played some time before vacation. The matches this week are against East Los Angeles Junior College on Tuesday, PCC on Wednesday, and a match with Santa Barbara on Saturday.

### Gad!

"Are you a good little boy?"

"Nope. I'm the kind of a boy my ma doesn't want me to play with."

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