

# Engineering Open House—Hair-Raising Experience



"LUCKY," A GAMBLING IBM 1620 computer takes on Dennis Rocky, SJS aero engineering student, in a friendly game of blackjack. Mike Aggeler, industrial engineering student, reads the results with kibitzer Dave Loomis, senior industrial engineering student, waiting for the next game. —photo by Bob Hall

## 200 Student Exhibits Seen in New Building

By JESSE CHAMBERS

It was a hair-raising experience as visitors of the 1962 annual Engineering open house toured the new Engineering building, located at the corner of San Fernando and Seventh sts. The open house will continue today and tomorrow. Models of the \$10 million building were on display to give an overall view of the 180,000-square-foot building. Visitors will be guided around the building by engineering students to see about 200 exhibits designed and built by SJS engineering students, according to Jim Spillman, open house general chairman and senior industrial engineering student. The hair-raising machine, a Van De Graff particle accelerator, was designed and built by Sal Rosi-

tano, SJS electrical engineering major. The machine is capable of accelerating electrons to an energy level of one million volts.

The accelerator which produces a diffuse beam of electrons will be used for the study of irradiation of vegetable seeds, according to Rositano. He has invested about \$75 and six months work building the particle accelerator.

People with a lucky feeling tried their luck against the cold knowledge of the gambling IBM 1620 computer in a friendly game of blackjack. Souvenir poker chips were given away to the loser.

Another unusual feature of the tour was the giant hydraulic tester which tested steel and concrete beams creating loads of more than 200,000 pounds.

Water flowed over the spillway (Continued on Page 4)



ONE MILLION VOLTS—The charge of a Van De Graff particle accelerator on exhibit in the Engineering department's open house causes the hair of Angie Kiechli, freshman sociology major, to stand on end. The machine will be used to study irradiation of vegetable seeds. —photo by Bob Hall

# Spartan Daily

SAN JOSE STATE COLLEGE

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## SJS Engineering Students Given Project Awards

Plaques for the most outstanding projects exhibited at the 1962 annual engineering open house were awarded yesterday evening by judges of the Santa Clara valley Engineers council.

Receiving first place were Lyle Haug and Dave Kroetel, senior electrical engineering students, for their combined project, an electrical color discriminator.

The machine was displayed separating colored marbles into different channels. According to Jim Spillman, general open house chairman and senior engineering stu-

dent, the machine cost about \$35 to build.

### ONE MILLION VOLTS

Second place went to Sal Rositano, SJS engineering major, for his "hair-raising" Van De Graff particle accelerator. Costing about \$75 and six months of work, the electronic accelerator is capable of accelerating electrons to a level of one million volts. Touching the machine will cause your hair literally to stand on end. It will be used in a special problems class for the study of irradiation on vegetable seeds.

Third place plaques were awarded to Frank Cirimele and Huey Lee, SJS engineering students, for their magnetic weighing device.

A magnetic force is used to oppose the weights on a regular balance scale. "It is extremely accurate," said Spillman, "capable of measuring the weight of one-hundredth of a gram." He estimated its cost as \$15 or \$20.

### HONORABLE MENTIONS

Honorable mentions went to Tom Doak for a servo-communications system, Bob Showen for an inertial guidance system, and Norman Overacker for a miniature wireless microphone. The microphone measures about one and one-half inches by one-half inch by one inch and, with large batteries, can transmit one mile, according to Spillman.

Awards were presented by Donald G. Newman, chairman of SCU-EC, at a banquet in the engineering division.

The judges, supplied by the SCV-EC, were Dean Larsen, Jay Farley, Vin Gilbert, Herb Ragle, Dewey Hult, Henry Ongman, and Arnold Steamer.

## Registration Monday For Death Valley Trip

Registration, on a first come-first serve basis, for the West Coast Nature school trip to Death Valley over the Easter break is set for Monday at 8:30 a.m. in the lobby of the new science wing. Dr. Wayne Kartchner, head of the physical science department and director of the school announced.

Students wishing to attend the Death Valley classes, Dr. Kartchner, stressed, should plan to be at the registration area early Monday morning to insure a reservation. The trip runs from April 15-21.

Only a limited number of students can be taken on the trip, Dr. Kartchner said.

Tuition for the five-day session, which must be paid at the time of registration, is \$16.00.

One unit of credit is given in the natural science area to students attending the class.

All SJS students, Dr. Kartchner said, are eligible to attend.

According to Dr. Arnold G. Applegarth, professor of zoology and science education, at least half a dozen scholarships covering the \$16 tuition fee will be awarded to students from the large group that submitted applications February 27.

The scholarship committee was scheduled to meet last night to decide winners of the grants.

## Tickets Available For 'Airmen' Show

"Airmen of Note," the official United States Air Force dance orchestra, will present a program of music and song at 3 p.m. Sunday in the San Jose State Concert Hall.

The event, which is sponsored by the campus AFROTC, is free and open to the public, however, ticket-holders will receive seating preference. Tickets are still available in building R, (old journalism building).

The Airmen have played concerts in such cities as Berlin, Rome, Athens, Paris, and Honolulu. By special invitation, they played at the 1959 International Music Festival at Bergen, Norway, and were warmly accepted by the usually more classic-oriented audience. They represented the United States at the 1958 World's Fair at Brussels.

## 'SJS Showcase'

A foreign student from India will be interviewed Sunday night at 9:30 on this semester's first "Showcase San Jose State," weekly radio program on station KLOK.

Showcase is produced by the Speech and Drama department and features the college.

Interviewing the Indian student is Mrs. Elizabeth Stewart, assistant professor of English.

Showcase's student announcer Mark Thayer will do an on-the-spot coverage of the Engineering department's open house for Sunday's program.

Campus news of community interest will also be reported on "State Mike," weekly news feature.

(Continued on Page 2)

## Stresses 'Depth'

### 'Possible Candidate' Rafferty Raps Dept. of Education in YR Speech

By CAROLYN LUND

Dr. Maxwell L. Rafferty, who identifies himself as a "possible" candidate for state superintendent of public instruction, fired sharp criticism at the state department of education yesterday in a speech sponsored by the Young Republican club in cafeteria rooms A and B.

Dr. Rafferty, superintendent of schools in La Canada, urged the adoption of less permissive practices in the California educational system and emphasis on vital subjects such as English, mathematics and world history in elementary and secondary curriculum.

Using a century-old McGuffey Reader to pinpoint the degeneration of elementary school subject content, Dr. Rafferty drew laughter from his audience at the contrast with a "See-me-jump-Mother" quotation from a modern California first-grade text.

"I don't think we've come very far in a hundred years," he observed.

Dr. Rafferty objects to the "Columbia-spawned philosophy of sterile, pragmatic progressiveness fostered by John Dewey."

"We should rid ourselves of classes in upholstery, ceramics, fly-casting and the like. They contribute little to our survival and this, in years to come, may be the acid test."

### TEACHERS BLAMELESS

Dr. Rafferty said that classroom teachers are not responsible for the education situation. "The education hierarchy blindly, even stubbornly, defends the status quo. The fault lies with my colleagues who try to stamp out any suggestion for change in education."

While not actually declaring himself a candidate for office, Dr. Rafferty advised his audience to seek a candidate who would endow local school districts with power and money to purchase textbooks on the open market. Such a candidate should revise the elementary curriculum to include vital subjects

such as the study of "our literary heritage" and economics.

### CREDENTIAL EXAMS

Dr. Rafferty also expressed belief in the following:

- California needs comprehensive examinations for the issuance of teaching and administrative credentials
- local control of education
- telescoping of methods courses in teacher training and the addition of significant "depth courses"
- Administrators must again represent learning, and not be exclusively businessmen.

The La Canada superintendent is co-author of two widely used college texts, the most recent being "Practices and Trends in School Administration." His speech, "The Passing of the Patriot," attracted nationwide attention and appeared in the Congressional Record and the Readers' Digest.

## Senior Ad Student To Get Scholarship

The San Jose Newspaper guild will formally present a scholarship to Mike Fujikake, SJS senior advertising major, at its eighth Gridiron dinner tomorrow evening.

Fujikake, who plans to return to Japan in June, won the award last fall while holding the post of manager of the Spartan Daily. He is now serving an advertising internship for McCormick-Schilling Co.

The guild expects 450 civic leaders from San Jose, nearby communities and state offices to attend the banquet.

Dennis Britton, former SJS student, will serve as general chairman of the event. He has scheduled an hour-long skit that pokes fun at the college's efforts to get along with city hall.

Besides Fujikake's scholarship, other awards include the Distinguished Citizen of the Year prize and the Guided Lily for the year's most prized boo-boo.

## Friday Flicks

Blazing battles on the high seas in a tense sea hunt is featured in tonight's Friday Flick, "Sink the Bismarck," 7:30 in Morris Dailey auditorium.

A documentary-flavored account of a costly British sea victory in World War II, the film stars Kenneth Moore, Dana Wynter and Carl Mohnor.

## Shell Appearance Finishes YR Week On Campus Today

Joseph C. Shell, candidate for Republican nomination for governor, will arrive on the San Jose State campus this afternoon and immediately go to Morris Dailey auditorium where he will take part in the SJS Young Republicans' Joe Shell rally.

The rally, which gets under way at 12:30 p.m., will wind up "YR Week" activities.

Shell will be introduced by Los Gatos Councilman James E. Donati, candidate for state assembly in the 22nd district. Dr. William Dusel, SJS vice president, will welcome Shell on behalf of the college.

Shell, who is currently Republican floor leader in the state assembly, was born in Washington state, although he has been in California 41 of his 43 years. He was graduated from Herbert Hoover high school in 1936, and received his B.A. in business administration from the University of Southern California, where he also captained the 1939 Rose Bowl championship team.

After serving in the Navy during World War II, Shell was elected to the state legislature in a special election in 1953 and re-elected in 1954, 1956, 1958, and 1960. He has also been elected by the Republican caucus to be floor leader for the last three years.

## Council Reaffirms Professors' Right

The right of a college teacher to speak and write as a citizen, free from institutional censorship or discipline, was reaffirmed by the faculty council yesterday as it reviewed a subcommittee report on legislative testimony recently given by Edward S. Carmick, associate professor of industrial engineering.

Professor Carmick was reported by the press to have made allegations of disloyalty among college and university faculties in California when he testified in January before a legislative interim committee.

The faculty council, an 18-member body representing the SJS faculty and assisting the college president in an advisory role, instructed a subcommittee to inquire into Professor Carmick's allegations.

The subcommittee was primarily concerned with press reports quoting the professor as saying that at least 30 SJS faculty members were using the classroom to weak-

en the nation and that he knew 150 subversive University of California professors.

Professor Carmick, in a statement before the subcommittee, called the newspaper reports inaccurate and said he had testified to knowing of "150 teachers in California's system of higher education who had subversive affiliations."

In the notes he stated: "I estimate that at least 30 of our teachers violate their academic freedom continuously by using the classes to spread their own convictions such as deprecating anti-Communist efforts, extolling socialism, attacking many aspects of our free enterprise economy, ridiculing patriotism, undermining religion, attacking national goals and otherwise weakening our national determination. I doubt if more than 10 made similar efforts on behalf of our country."

He told the faculty committee that 30 was a calculation. "I have

(Continued on Page 2)

## 'Education Today' Is New SJS Series

A new television series for teachers, "Education Today," originating from the SJS instructional television center begins this Saturday on KNTV, Channel 11, according to Dr. Robert M. Diamond, supervisor instructional television.

Dr. Diamond will be joined by Mrs. Gaither Lee Martin, coordinator of the ITV center for the first program, "Television in Education," dealing with the role television is now playing in current education.

Ten shows are scheduled for the series, to be presented Saturdays at noon on KNTV.

Dr. John Hofstrand, associate professor of elementary education, will conduct the second presentation, "The Film In Education." It will examine the use of films in classroom teaching and show examples of new educational films.

The March 17 program, "Team Teaching"—what it is and how it is being carried out in area school districts—will enlist the aid of the staff from the Department of Secondary Education here.

A look at current practice in secondary schools will be the subject of the March 24 program, "Education Today."

The school building of tomorrow

## Trustees Again Urged 'Go Slow'

Another "go slow" request to the California state college trustees by a second SJS faculty organization was made public yesterday.

A telegram to the trustees, urging them to "search and evaluate carefully before appointing a new chancellor" was sent Feb. 22 by the local chapter of the Association of California State College Professors.

Wire service reports indicate requests by faculty groups across the state may delay the appointment of a new chancellor by trustees meeting now in Sacramento. The ACSCP asked the colleges' trustees to again consult a set of criteria developed by SJS faculty organizations in 1960, prior to the appointment of Dr. Buell Gallagher.

"We do not mean by this request any opposition to the appointment of Dr. Glenn Dumke as chancellor," commented Ed C. Glover, professor of electrical engineering.

The telegram was authored by Professor Glover, an officer in the state ACSCP organization, for the group's SJS chapter.

Another assurance that the SJS chapter did not object to a particular individual for chancellor came yesterday from Willard Saunders, real estate and insurance professor, and president of the local ACSCP chapter.

The criteria developed by SJS faculty groups in October, 1960 include "a scholar with established national standing, recruited by a thorough national search . . . for a man who views the job as a challenge to accomplishment."



Editorial

Barefoot Trackmen?

Today, ASB President Brent Davis and invited council members and tracksters will meet to discuss the future of San Jose State as an internationally-known track power.

Faculty Council Rules On 'Right To Speak'

(Continued from Page 1) special note of 16 cases, reported by students, of faculty expressions of opinions which, in my judgment, were contrary to the national interest.

Thrust and Parry

Writer Suggests Open Showing

This is in reference to Ron Birchard's letter (in yesterday's Spartan Daily) concerning the "unscholarly" and "dishonest" film, "Operation Correction."

ACLU film ignores completely the plain statements of J. Edgar Hoover in his report, "Communist Target—Youth": that the Communist party planned and instigated the action against the committee, and that Gus Hall, general secretary of the Communist party in the United States, sent congratulations to West Coast comrades "for the initiative and leadership" displayed at all stages of the demonstrations.

There are other equally damaging criticisms which could be made of the ACLU film lineation. Just these two are sufficient to demonstrate that the ACLU has selected from the evidence only those items that they prefer to broadcast.

Ron Birchard ASB A8695



The trouble with right-wingers is they are afflicted with one of the world's most common ills: myopia. Only it is not the eyes that are faulty—at least, not in the literal sense—but the brain.

A simpler way to explain it would be that they lack cerebral vision. More succinctly, they can't see beyond their "knows." Or what they think they know.

A good example of this sort of near-sightedness is the right-wing position on the so-called Sino-Soviet bloc. Russia and China, in fact, all of the Communist world, is one inseparable alliance bounded together with an undissolvable ideological cement.

In light of what Harrison Salisbury said Monday night at SJS about China's aggressiveness and about the Soviet Union's passivity—both the direct result of different internal economic and social conditions—it is not hard to see how a right-winger is able to negate the possibility of world peace short of an outright Soviet surrender to the West.

The singular peculiarity of this approach, of course, is that it depends on the same sort of dogmatic, dialectical argument that the Communists use to pin 19th century evils on 20th century capitalism.

Mr. Salisbury did not win the distinction and awards that are his by sitting around developing ideas of what he thought Communists should be doing. He won them by going to far out places as Mongolia and Siberia and seeing for himself.

It does not seem unreasonable to suppose that Salisbury, who, incidentally favors both U.S. diplomatic recognition and U.N. admission for China, is better informed on the subject he knows best than arm-chair right-wing analysts here at home.

An ironic sidelight to this discussion is Salisbury's description of the methods China uses to keep a tight dictatorial reign on its people. The Timesman listed "fear, patriotic slogans, chauvinism" and the supplying of an "enemy—real or imagined!"

Strange, or is it, that these devices are part and parcel of right-wing militancy in our own country.

Folk Balladeer To Appear In Concert Tomorrow Night

Stan Wilson, folk balladeer, and his flamenco guitarist, Len-in Castro, will appear in a live recording concert at 8:30 tomorrow night in Morris Dailey auditorium.

Alpha Tau Omega fraternity, Wilson and Castro completed a two-week engagement at San Jose's Minstrel during semester break. Wilson's haunting vocal style and Castro's rhythmic guitar still have local fans talking.

Wilson, composer as well as vocal guitarist, started out as a single at San Francisco's Hungry i in 1952. Moustached Castro (he says his names are both common in Mexico) joined the Negro balladeer in 1959 when Wilson severed a tendon in his hand and couldn't play the guitar.

Among Wilson's popular songs are "John Henry," "Frankie and Johnny," "My Yiddish Momele," "Waltzing Matilda," "Maria" and "Greensleeves."

Dinah Washington Show Tomorrow

Soloist Dinah Washington and her company will make their first San Jose appearance tomorrow night at 8:30 in civic auditorium, Market and San Carlos sts.

Tickets are available at the civic auditorium box office at \$2, \$3, \$3.50 and \$3.75. Reservations may be made by calling CYpress 3-8060.

Appearing with Miss Washington are the Allegros, singing group which provides musical background for Miss Washington, young comedian, Dave Turner, and jazz organist, Perri Lee, and her trio.

Religious Society To Hold Ceremony

Lambda Delta Sigma, national Mormon religious fraternity, will hold its opening ceremony for spring pledging Sunday at 8 p.m., at the chapter's headquarters, 436 E. San Fernando. All interested students are invited to attend the ceremonies.

Theta Chi House Open on Sunday

The proud brothers of Theta Chi fraternity are inviting everyone to see their new chapter house Sunday from 1-4 p.m. The modern structure, at 123 S. 11th, was completed and quickly occupied last November.

Continuous tours and refreshments are featured at the open house. The purpose of the affair is to give people an idea of what fraternity life is like.

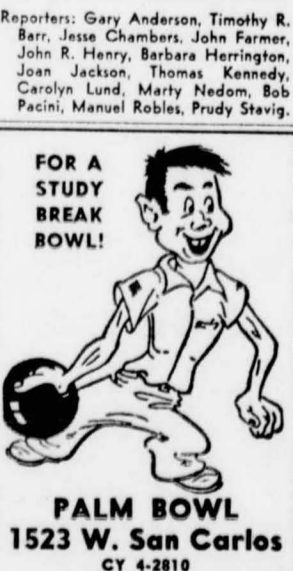
The new \$225,000 building features sliding doors opening into the patio, wall-to-wall carpeting in living room and dining areas and an intercom system.

Bill Burns, Jim Montgomery, Vince Feeny, Tom Volz and Maurice Jourdan are the open house committee chairmen.

Spartan Daily

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FOR A STUDY BREAK!



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Phi Sigma Kappa Presents

the Smothers Brothers in person on March 6 & 7

To Be Held in the Empire Room, St. Claire Hotel Tickets, \$2.00 - Available at SPARTAN BOOKSTORE and SAN JOSE BOX OFFICE, ST. CLAIRE HOTEL

REMEMBER! Today (March 2) ... is the last day you can take advantage of the Spartan Bookstore MONEY-BACK GUARANTEE on all books and supplies accompanied with a Cash Register receipt. and any day ... you can find the largest available stock of supplies at the Spartan Bookstore in the fields of: ART, ENGINEERING, BUSINESS, JOURNALISM, EDUCATION, SOCIAL SCIENCE, MANY OTHERS. Spartan Bookstore "RIGHT ON CAMPUS"

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# Spartans, Gaels Clash In East Bay Tonight

San Jose State's hardwood five, gets an opportunity tonight to wrap up the West Coast Athletic conference title—for Pepperdine's Waves.

Coach Stu Inman's Spartans journey to Oakland for an 8:15 game with the second place St. Mary's Gaels in the east bay city's auditorium. The hapless SJS frosh tangle with the powerful Gael yearlings in the preliminary.

St. Mary's has one more game to go against Pepperdine—tomorrow night. But even if the Gaels win that one, and their final two contests with USF and Santa Clara next week, a loss tonight to San Jose would leave them with only the slimmest of mathematical chances of taking the title.

Pepperdine is leading the WCAC with an 8-1 mark with only three

games to play: USF tonight in San Francisco, the Gaels and Loyola March 9. St. Mary's is 6-2, while third place Loyola, all but mathematically out of it already, is 6-3.

"If Pepperdine gets a split in its two games up north this weekend, then they will win it," Inman predicted yesterday. He neglected to mention that a St. Mary's loss to SJS would have a big effect on the outcome, too.

For SJS, 0-9 in league play, thanks primarily to the forfeiture of five early season wins, there will be nothing at stake tonight but the satisfaction of knocking off the Gaels.

The Spartans thumped St. Mary's 51-37 in a league game Jan. 6 but lost to them in a 48-46 thriller in the WCAC tournament in December.

Steve Gray, a good bet for all-league first team honors, was the big gun for the Gaels in both contests, scoring 12 and 20 points. Gray is second in WCAC scoring with 168 points and a 21.0 per game average.

Gray also leads the league in field goal percentage with 46.5 per cent and is third in rebounds, snagging 12.2 per game.

Probable starting lineup for the Spartans will be: Dennis Bates and Rolf Dahl at forwards, Bill Yonge and Craig Carpenter at guards and Harry Edwards at center. Bates is fourth in the WCAC in field goal percentage with 44.9 per cent, while Carpenter is third in free throw shooting at 79.4 per cent.

# Daily sports

Friday, March 2, 1962

SPARTAN DAILY—3

## Spartan Swimmers Face Indians Today

The undefeated Spartan aquamen go after their 21st straight win when they take on a tough Stanford team this afternoon at 3 p.m. in the SJS pool.

The backstroke race between Stanford's Tom Redfern and the Spartan's Bob Wegman probably will turn into the most exciting race of the meet. Both boys are the top swimmers on their squads, according to SJS Coach Tom O'Neill.

Another race to watch will be the 100-yard freestyle where SJS' Dave Corbet will go against Steve Hill of the Indians. Both have been clocked at about the same times, with Corbet a little faster.

In the 200-yard butterfly Bill Hird is expected to get his biggest competition from Stanford's Booth Hartley. Hird has a slight edge in past timings in the 200-yard, but Hartley is tops in the 100.

A close race shapes up in the medley relays with SJS a slight favorite. However, in the freestyle relays Stanford should come out on top.

Jim Johnson, top Spartan diver, should be favored over Stanford's Steve Barnum.

The breaststroke race shapes up as a contest between Spartan Phil Whitten and the Indians' Dave Pollack. Whitten is favored on the basis of past performances.

## C, E Independent Leagues Tighten In Recent Action

Results of action in the independent loops Wednesday night tightened up the standings in the C and E leagues.

Victories by Lambda Delta Sigma, the 69ers, and the 234 Club over the Newman Knights #1, the Beavers, and the Reed Street Raiders, respectively, lessened dominance in those leagues.

Dick McMillan led the 234 Club to its 39-37 overtime victory, with 17 points. Rich Costa's 20 was high for the 69ers and Max Chancellor's 22 led L.D.S.

In A league action, the AFROTC #1 downed the Gimlets, 48-42.

In the F league, the Ding Bats beat Seagram's Five, 56-32. AFROTC #2 beat the Dinky Dunkers 35-28, and Moulder's Gestapo downed AROTC #2 52-29.

## Golfers, Alumni Meet Tomorrow

Ten of San Jose State's outstanding golfing alumni will square off with representatives of the Spartan golf team tomorrow morning at 10:30 a.m. at the San Jose country club.

Participating for the alumni will be Jack Bariteau, Jack Luceti, Harvey Kohs, Ed Duino Jr., Ross Smith, Glen Dooley, Harold Shanley, Bob Burchfiel, Warner Keeley, and Ruskin Shepperd.

The varsity will be led by John Lotz, holder of the Northern California intercollegiate championship. Lotz averaged under 70 strokes in 18 matches played last year for SJS.

## Gymnasts Away

Coach Clair Jennett's gymnastics team will take off for Sacramento tomorrow for a meet with Sacramento state.

Last time out against the Sacramento team, the Spartans suffered an 88-37 whipping, with only a skeleton SJS squad participating.

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Tomorrow Afternoon

# Tracksters Begin Season With Small College Battle

San Jose State's varsity cindermen take on University of Pacific, Cal Poly of San Luis Obispo and Alameda state tomorrow at 1:30 p.m. at Spartan field in the annual Small Colleges meet.

Coach Dean Miller's SJS frosh compete against a strong Foothill junior college squad in a meet to be run concurrently with the varsity affair. Varsity and frosh events will be alternated.

Barring a wet track, some impressive early season times and distances are in store for Spartan track fans—if last week's interclass meet performances are any indication. Eight varsity meet records were tied or broken in the annual spike affair.

Coach Bud Winter's varsity spikers should handle their "small college" opponents with ease team-wise. In several individual events, however, competition could be close.

In the sprints, Spartan Jimmy Omagbeni is favored to pick up a pair of wins. His chief competition should come from teammates Bart Fenolio and Jim Flemons.

Omagbeni's cause will be aided by the absence of Dennis Johnson, San Jose's sprint sensation. Winter said yesterday that Johnson, who has bests of 9.3 and 20.6, will "definitely not run" tomorrow.

SJS will field a choice group of distance men in the mile and two-mile. Ron Davis, Jeff Fishback, Jose Azevedo and Horace White-

head will all compete in the mile. Going in the two-mile for the Spartans will be Fishback and Whitehead and John Phillips. Ben Tucker, another top long haul man, will not compete due to a minor injury.

Other Spartan best bets are

## SJS Nine Battles Broncos, Stanford

San Jose State's baseball squad takes on Santa Clara's Broncos tonight at Santa Clara. Tomorrow the Spartans open their home slate with a 1 p.m. game against Stanford at Spartan stadium.

Monday the freshman team opens its season with a home game against Hartnell junior college at 3 p.m.

## Track And Field

NEW YORK (UPI)—Twenty-three major indoor track and field championships were scheduled in various parts of the nation for the 1962 winter campaign.

Willie Williams, 440; Azevedo, 880; Tom Harrison, high hurdles; Flemons or Harrison, low hurdles; Walt Roberts, broad jump, and Dan Studney, javelin and shot put. Bruce McCullough will miss the hurdles due to a minor injury.

Competing for SJS in the high jump are Art Dalbey, Lynn Gold and Ed Marcos. Cal Poly stands a good chance of picking up a first place in this one, as Dennis Jones has cleared 6-8 $\frac{3}{4}$  for them.

**BIG AUTO INSURANCE SAVINGS ANNOUNCED**  
Women and married men over 21: \$78 less \$13 dividend, or a net of \$65 (based on current 17 per cent dividend).  
Single men under 25: \$252 less \$43 dividend, or a net of \$209.  
\$10/20,000 Bodily Injury Liability; \$5,000 Property Damage and \$500 Medical Payments. Other coverages at comparable savings. Payments can be made once, twice or four times a year. Call or write for full information to George M. Campbell, 565 Maple Avenue, Sunnyvale, Regent 9-1741 (day & nite).

## SJS Judo Club In Stockton Meet

A strong San Jose State judo team will travel to Stockton for the Stockton Invitational Sunday. The Spartans are led by heavyweight Sanford Alcorn in the brown belt division, and Lee Parr, captain and top 160-pounder of the black belt.

## Religious Organizations

National Lutheran Council

### St. Thomas Chapel

A student chapel for the doubter, questioner, and believer.

Morning Worship—Sun., 10 a.m.  
Sermon: "Follow the Leader"  
Place: CCC 10th and San Carlos

Lutheran Student Association

Tuesday

At 6 p.m. the LSA's agreed to skip dinner and spend the hour, 6-7 p.m., in Lenten worship in student-led meditation and silence.

Regular LSA meeting at 7 p.m.

CAMPUS CHRISTIAN CENTER

300 So. 10th at San Carlos

Allan Dieter, Campus Pastor

Episcopalians at San Jose State

### Canterbury Tales

Episcopalians at San Jose State

SUMMER IS COMING IN

Don't let the snow on the mountains keep you from singing, "Cucu" loudly, either. This is the time for making summer plans, and if you want to spend summer usefully, we have a few ideas.

Like working in the inner city.

Two of our own people did this last year and loved it. Come Sunday night and hear all about it from them.

Don't stand there with your teeth chattering. Supper's at 6.

CAMPUS CHRISTIAN CENTER

300 South 10th

## Matmen Entered In Coast Tourney

Coach Hugh Mumby's wrestlers are in Berkeley today, and will stay through tomorrow, in an attempt to bring home some of the bacon from the Pacific Coast Intercollegiate tournament.

Mumby is sending his usual squad, consisting of Dave Armstrong, Dick Alderson, Bob Lopez, Warren King, Fred Yrueta, Cliff Olson, Ron Ruscigno, Paul Hodgins and George Hewitt to the mats.

Pegi DiBari and Ric Trimillos

discuss

MUSIC AND WORSHIP

Rogers Williams Fellowship

Sunday: 5:40 p.m. supper

6:15 p.m. meeting

Church Services:

8:45 a.m., 11:00 a.m., 7:30 p.m.

GRACE BAPTIST CHURCH

484 E. San Fernando

George L. "Shorty" Collins

College Chaplain

John M. Akers, Pastor

United Campus Christian Ministry

PRESBYTERIAN

CONGREGATIONAL-DISCIPLES

Sunday Morning College Class "NEW TESTAMENT THOUGHT AND MODERN CULTURE"

Sunday Morning College Class "OLD TESTAMENT THOUGHT AND MODERN CULTURE"

Christian Center (300 So. 10th, across from Allen Hall, close walking distance from all residences)

9:45 to 10:45

9:30-10:30 (coffee & donuts served)  
Leader: Don Emmel, Presbyterian Campus Pastor

First Christian Church, 80 So. 5th  
Morning Worship: 8:30 & 11:00

This Sunday: Faith and Facts in the Gospels.  
(Transportation provided to 11:00 worship services)

Leader: Mark Rutledge, Campus Pastor for United Church of Christ

This Sunday: Cultural Backgrounds of the Old Testament.

**FREE**  
(To all SJS Students)  
**45 r.p.m. RECORDS**

Take your choice of one popular hit record FREE with each haircut at the regular price!

- We offer FREE PARKING validations for any downtown lot!
- Spartan-style haircuts are our specialty!

For appointment call CY 3-8804  
**Commercial Barber Shop** 42-B S. 1st St. El Paso Ct.  
"We're next to Herold's Shoes"

**Approved Apartments Still Available for Men & Women**

- MODERN — UP TO DATE
- CLOSE TO CAMPUS
- RENTS TO FIT YOUR BUDGET

485 So. Ninth St. **Spartan RENTAL Service**  
CY 7-8877

**BARITEAUS'**  
Dry Cleaners and Launderers  
318 So. 10th Street (near San Carlos)

**Another First For All Of You**  
Four Pounds of Clothes Cleaned and Returned to You on Hangers, for only . . . . . **\$1.00**

Eight Pounds for **\$1.90**  
Each Additional Pound **25¢**

REMEMBER OUR COMPLETE FINISHING DRY CLEANING SERVICE ALSO

Low, Low Laundry Prices Still in Effect.

SHIRTS — Four for **99¢**  
LAUNDRY TROUSERS — Two for **99¢**



## Committees Post 5:30 p.m. Deadline

Applications for rally committee chairman and a homecoming committee chairman are due today in the College Union, 315 S. Ninth st., according to Barney Goldstein, ASB personnel officer.

Interviews for the posts will be held today from 2:30 to 5:30 p.m.

The chairman of the rally committee will be expected to aid in promoting school spirit at certain school functions.

The homecoming chairman will work with his committee to plan for fall homecoming.



CURIOSITY draws Bobbie Anderson and Judy Harris, SJS art students, to examine the strange looking gasoline engine. The 50-year-old engine was found and restored by Tom West, engineering student, for engineering open house.

### Greeting Cards

for all occasions

Free catalog & information LO 9-4377

### RENT A TYPEWRITER

Special Student Rates  
**3 MOS. \$18**

USE OUR "RENT  
TO OWN" PLAN

**Kennedy's**  
BUSINESS MACHINES  
AND OFFICE EQUIPMENT  
Third & San Fernando

## Engineering Job Interviews Open House

(Continued from Page 1)  
of a model rockfill dam, built by Leon Chaulet and Frank Hottelmann, engineering students.  
Souvenir ash trays, punched out on a huge press, were given away. "Electrocuted" hot dogs and hot coffee were a welcome addition to the 1962 open house.

### Repercussion

NEW YORK (UPI)—The far-off rumblings in Indonesia could affect the price you pay for pepper. Indonesia is the world's largest producer of the food seasoning.

## AWS Names New Judges

New appointees to the Associated Women Students Judicial board have been announced, according to Barbara Barnard, AWS president.

The new representatives for the semester are Diane Chamberlin and Pat Stanley. The representatives selected for the year are Mary Ann Eckford and Carol Couture. Alternates are Nani Rao and Linda Howe.

The women were selected through an interview with AWS representatives, Householders assn. representatives, and Mrs. Charlene Liebau, AWS adviser.

As members of the board, they will preside over cases involving AWS rules and regulations.

## Club Plans Dance, Basketball Meet

Newman club will sponsor an awards dance tomorrow night at 9 in the women's gym following the day-long round-robin basketball tournament arranged by the club.

Music for the dance will be provided by the "Modern Arts" quartet. James Cusimano, senior, former president of Newman club, will emcee the affair.

Tickets for the dance are available at Newman hall activity office, and in front of the Spartan bookstore at 85 cents each or \$1.50 a couple. Ticket prices will be slightly higher at the dance tomorrow night.

The Newman club basketball tournament, at 8 a.m. Saturday in the men's gym, will involve teams from northern California and Nevada, including squads from the University of California, San Francisco state, San Francisco city college and San Jose city college.

### No Weekend Co-Rec..

Weekend Co-Rec has been postponed because of Newman club's basketball tournament this weekend, and will continue next weekend, announced Lee Morton, Co-Rec worker.

## Speech, Drama TV Show Tomorrow

A program of children's rhythmic activities will be presented on "Perspective," speech and drama television series, tomorrow at 11:30 a.m. on KNTV, Channel 11. Guests of the program will be children of the Muller school, Newark school district, and their teachers, Jean Weaver, Mary Staffel and Sofia Osborne.

## Mrs. R. McCroskey, Housemother, Escorts Tour

Mrs. Robert McCroskey announces she will escort a group of girls from San Jose State College on a six-week tour to Hawaii this summer. All co-eds are cordially invited to join her.

The group will join with 500 girls from other campuses across the U.S. on the well-known Howard Tour, the original Study-Fun program to the Pacific. Girls have a choice between campus dormitory residence at the University of Hawaii or apartment living at Waikiki Beach. The price of \$399 includes travel by jet flight from California to Honolulu and return, living accommodations, five sight-seeing trips while in Honolulu, a full program of social events including introduction parties, fashion shows, dinner-dances, and cultural events, as well as boating and beach sports events at Waikiki Beach. Optional visits to the romantic outside islands are also available and tour members can top their summer off with a stop-over at the Seattle World's Fair on the way home. Return by boat may be arranged at adjusted fares.

In addition, students may enroll at the University of Hawaii summer session, earning up to six units of credit, either undergraduate or graduate. The University, which offers a wide range of such unusual courses as the Danes of Hawaii, Foods of the Pacific, Costumes of Asia, Zen Buddhism, Japanese Dance and its Music, or Conversational Cantonese! Limited space is still available and girls wishing further information and enrollment forms should call Mrs. McCroskey at the Delta Gamma House, CY 2-7303.

## • Spartaguide

**TODAY**  
Kolo club, dance meeting, WG21, 7-10:30 p.m.

Alpha Kappa Mu, annual picture sale in front of Spartan bookstore, 9:30 a.m.-3 p.m.

**TOMORROW**  
Newman club, awards dance, open to all SJS students for 85 cents stag and \$1.50 a couple, women's gym, 9 p.m.-1 a.m.

**SUNDAY**  
Theta Chi, open house, Theta Chi house, 123 S. 11 st., 1-4 p.m.

Lambda Delta Sigma, meeting, open to all interested students, L.D.S. Institute of Religion, 436 E. San Fernando st., 8 p.m.

Newman club, Mass. St. Patrick's church, Ninth and Santa Clara sts., 10 a.m.; followed by brunch in Spartan cafeteria, guest speakers, Gail Benkert, first vice president of the National Newman Stanford university missionary.

Roger Williams fellowship, musical program and supper hour, Grace Baptist church, 484 E. San Fernando st., Fireside room, 5:40 p.m.

Welcome Back to Angelo's  
Serving You  
for Eleven Years

FAMOUS  
\$1.15 DINNER  
STEAK

Visit Our  
Lariat Room  
Tonight!

**ANGELO'S  
STEAK HOUSE**  
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**Old World Charm in Dining**  
America's Most Beautiful Hofbrau

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SUNDAY through THURSDAY  
Wilda Baughn and Her Piano

Die Rhineland Band  
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*Garden City Hofbrau*  
51 So. Market • CY 7-2002

**FOR SALE**

WOMEN'S APPROVED HOUSING CONTRACT

Because of marriage, one approved housing contract at Wendy Glen #11 is available for the remainder of the semester at the low price of \$250.00. This includes "in" house dining with fountain room for off-meal snacks, elevator service, study parlors on each floor, carpets in rooms, guest parlor with fireplace, date room, etc. For information phone CY 3-0644 or CY 2-6711, or inquire in person at 525 S. 9th St.

## CLASSIFIEDS

**CLASSIFIED RATES:**  
25c a line first insertion  
20c a line succeeding insertions  
2 line minimum

**TO PLACE AN AD:**  
Call at Student Affairs Office—Room 16, Tower Hall, or Send in Handy Order Blank with Check or Money Order. • No Phone Orders •

**FOR SALE**

'58 TR-3 in excel. condition. Must sell for school finances. \$1295. CY 3-9418. Doug.

Portable typewriter. Excellent condition. \$39.00. AL 2-3873.

Guitar: Martin, "5-17," spruce face. Older but good cond. W/case. \$70 or best offer. CY 4-6518 after 6 p.m.

Motorcycle, 250 cc. "57", 275 S. 13th. CY 2-7419 after 6.

'53 Olds 88 Hardtop. Full power. Excellent cond. CY 3-6339.

Approved boarding house contract. Big discount. Female. CY 3-4698.

VM-4 track tape recorder & typewriter. Call CY 2-3010. Joe.

**RENTALS**

Unfurn. 3-Rm. Apt. \$50. Married couple. 731 So. 3rd., Apt. 1.

2 Vacancies for men. Room with kitchen. \$30 per month. 666 S. 5th.

Attractive furnished one bedroom apartment. Across street from campus on So. 5th Street. Women only. Available March 1. \$85.00 per month. Call AN 9-4576 after 6 p.m.

2 B. furnished apt. 452 So. 4th St. Call CY 4-5085 or AL 2-3420.

Apts. suitable for 2, 3, or 4 men students. See Mgr. Apt. 19, 686 So. 8th St. CY 3-8864.

3 Vacancies. Men. Approved; large, modern rooms. Kit, priv. Free wash and dry. Friendly atmosphere. \$30.00 per mo. Etheridge Arms. 540 So. 5th.

Furn. Apt. \$100 for 2. Acc. to 4 per. 10th St. CY 8-1876.

Furn. apts. Mod. deluxe 1 & 2 br. with w-w carpets. 536 So. 8th St. CY 4-5744.

Extra large apt.; up to 5 people. \$35 ea. ES 7-0796.

Furn. 3-rm. apt. Reas. Nr. col. Boys. 638 So. 5th St.

**WANTED**

M. student to share new 2 bdrm. apt. with 2 others. \$32.50. CY 7-4695 after 6 p.m.

1 or 2 male students to share mod. apt. with same. Reasonable. 293-0945.

Have apt. Won't travel. Need two girls to share. Two-story unapproved apt. CY 5-5308.

One girl to share apartment with three of same. CY 7-6480. 460 So. 10th. apt. 8.

Wanted: Arranger for folk-song group. Ph. CY 2-7639.

Need one male to share flat with 3 others. \$25 mo. 239 S. 4th St. CY 8-5201.

**MISCELLANEOUS**

Typing—Theses, Term papers, Reports, etc. CY 3-0208.

**HELP WANTED**

Wanted: Three boys for part time help in boarding house. Salary and meals. CY 3-9599.

**TODAY**  
Southern California Edison co. will interview electrical and mechanical engineering majors.

Haskins and Sells will interview certified public accountant and accounting majors.

Varian Associates will interview electrical, industrial and mechanical engineering majors.

Federal Aviation will interview electrical and civil engineering majors.

Owens-Illinois Glass co. will interview any technical major or business major with some technical background.

Palo Verde Unified district, Blythe, (Riverside county) will interview elementary, junior high, high school and junior college teaching candidates.

Bakersfield Elementary School district (Kern county) will interview elementary school teaching candidates.

**TOMORROW**  
Owens-Illinois Glass co. will interview chemical, industrial and mechanical engineering majors, as well as industrial technicians majors.

Lenkurt Electric co. will interview electrical engineering majors with communication option.

Southern Pacific co. will interview business or liberal arts majors for transportation management, and business, liberal arts or technical majors for systems analysts and computer programmers.

U.S. General Accounting office will interview accounting majors.

Applied Research Laboratories, inc., will interview mechanical and electrical engineering majors, and physics majors.

Academes High School district, Lafayette, (Contra Costa county) will interview prospective high school instructors.

Franklin-McKinley Elementary district, San Jose, will interview elementary teaching candidates.

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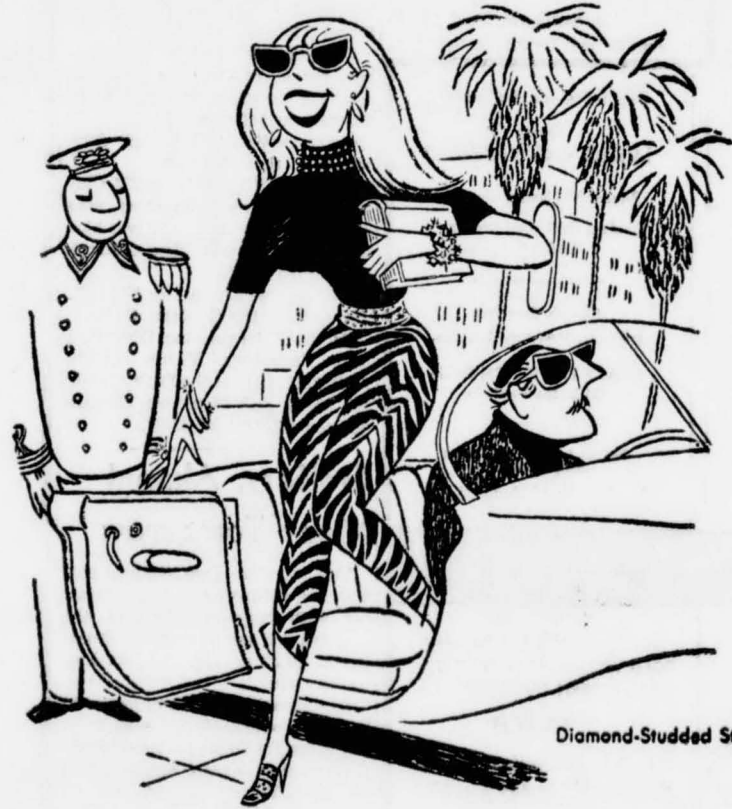
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## Girl Watcher's Guide

Presented by Pall Mall Famous Cigarettes



Diamond-Studded Starlet

### LESSON 8- Becoming a specialist

Experienced girl watchers, for whom routine watching has lost some of its excitement, often become specialists. (This is definitely not recommended for beginners. However, it may be practiced as a change-of-pace by more advanced students.) They may spend an entire field trip concentrating on one part of a girl. This tends to step up

activity, since it does not require that the whole girl be beautiful. For example, if you decide to specialize in knees, you watch only beautiful knees. (The doorman above appears to be an ankle specialist.) Whatever your watching specialty, make sure your smoking specialty is Pall Mall's natural mildness—it's so good to your taste.

### WHY BE AN AMATEUR? JOIN THE AMERICAN SOCIETY OF GIRL WATCHERS NOW!

**FREE MEMBERSHIP CARD.** Visit the editorial office of this publication for a free membership card in the world's only society devoted to discreet, but relentless, girl watching. Constitution of the society on reverse side of card.

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is so good  
to your taste!**

So smooth, so satisfying,  
so downright smokeable!