Juniors end beach season with Playa del Rey picnic
by Jim Wilkinson

"Neat!" That's the official word from class social chairman Doug Ritchie on the forthcoming junior class beach picnic. A strictly date affair at scenic Playa del Rey beach, it's taking place this afternoon after early evening.

The beach is just west of the International Airport, on Santa Monica Bay. There are many feasts and picnics tables so everyone will have plenty of room to cook and eat the food which will be provided out of class funds. Among the food is pimento cheese, hot dogs, potato salad, fruit and hot chocolate. Juniors who don't care for hot chocolate may bring along a thermos of coffee.

Anyone looking for a ride shouldn't expect one at the last minute. There will be no set meeting place to leave from; men will congregate at noon. All evidence points to a large turnout.

Amusement activities

Activities for the afternoon will not be organized, but there will be volley ball courts and opportunities for all those games which go with every beach picnic mainly the beautiful surf. Incidentally, President Bloomberg has promised NO SMOG!

Summing it all up: Juniors, don't miss that!

Closing dates posted for U.S. Government grants

November 1 is the closing date of the competition for educational exchange grants for graduate study abroad under the Fulbright and the Ford Foundation programs.

The programs are part of the U.S. government's educational exchange activities of the Department of State and offer about 1000 students the chance to study abroad during the 1956-57 academic year.

Scholarship application blanks are available at the Institute of International Education regional offices. A description covering the overseas study may be obtained from the Institute.

Citizens only

Eligibility requirements for these fellowships are: (1) United States citizenship; (2) a college degree or its equivalent; (3) age 35 years or under; and (5) good health.

The art of winning friends and influencing women; a modern, do-it-yourself method
by Sam Palumbo

The current issue of Saga magazine contains a Field Guide for Bachelor Entertainment. Saga has compiled a set of rules to insure success for the bachelor intent on spending a quiet (or not) evening in the confines of his own room with the young lady of his choice.

The first step, says Saga, is enticing the lady to be entertained in a bachelor's apartment. This requires tact. "How about coming up for dinner?" is as clumsy as the old invitation to inspect your outhouse.

The recommended procedure: Take the lady to a good restaurant. No matter how fine the food, disfigure the chef's abilities. The lady will ask, sarcastically, if you can do any better. Reply, "Of course!" Before the lady realizes what she is saying, she will feel that the emotional cooperation at the conference, and that much more had been achieved than he had anticipated. Especially valuable, Dr. Brown thought, was the opportunity to get together with foreign scientists in informal discussions; he spent over eight hours himself in such discussions with members of the Russian delegation alone.

According to Dr. Brown, the Russians have expected advances in nuclear technology, the General Conference. The Russian papers and exhibits at the conference exhibited their concern in the field of the Soviet scientific community on the part of the Soviet scientific community on the part of the Soviet scientific community on the part of the Soviet scientific community on the part of the Soviet scientific community on the part of the Soviet scientific community on the part of the Soviet scientific community on the part of the Soviet scientific community on the part of the Soviet scientific community.

Tells of benefits

Commenting on the conference, Dr. Brown expressed a feeling that it has definitely been of benefit to the development of peaceful uses of atomic power. He said that there had been a great deal of international cooperation at the conference, and that much more had been achieved than he had anticipated. Especially valuable, Dr. Brown thought, was the opportunity to get together with foreign scientists in informal discussions; he spent over eight hours himself in such discussions with members of the Russian delegation alone.

The meal to follow is graphically described and recipeed by Gordon Brown (Fleming), or Paul King (Throop Club).

November 14 final date for Wilson grants

The Woodrow Wilson Fellowship will offer 12 to 15 fellowships to students in the Social Sciences or Humanities to study in the Southwest region for first year graduate study during 1956-57.

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An ignorant man is a happy man.
Happy Dick Kirk.

Post a Frosh at the Frosh Tea Dance wasn't at all difficult for your Bayly-faced, scruffy boy, but he was horrified at the number of incognito upper-classmen they had the same idea. They were easily distinguished from bona fide Frosh; some even had indentured beasts. After only half the dance the majority of Ashby's 150 blushing babes were nowhere to be seen. Three freshmen have already fallen prey to the wiles of scheming women, Kelly, De Gaston, and K. Brown were unerringly seduced into attending a Pocona ball held by some student body opinions.

Oxy rally
Proposal for the Oxy game rally November 12 this year are getting to look more and more like a traditional collegiate homecoming celebration. The most popular suggestions so far include a football queen to be selected from a nearby school (not Occidental), a picnic and rally near the Rose Bowl, and a dance afterward.

The ASCIT Board has grudgingly passed on its right of selection of the queen to the student body, which will hold a Thursday assembly to pick the queen, providing qualified candidates are available. Present plans also call for a picnic supper at Brookside Park Saturday night, a pep rally, and a procession into the Rose Bowl for the game. Afterwards, a victory dance, co-sponsored by the Alumni, will be held in the gymnasium. Rally Commissioner Frank Kofsky will work out these ideas.

Television show
Caltech may hit the national television networks October 30 on NBCs' "Wide, Wide World" Sunday afternoon show. NBC has extended an invitation to our public service department to present a human-interest topic for a short spot. The nature of the subject has yet to be determined.

World University Service
Some fortunate Caltech student may get a trip to Indonesia next summer as a result of maneuvers at the recent World University Service Area Advisory Council meeting, held last Saturday at the Caltech YMCA. As a consequence of some slow talking by Caltech's delegates, Howard Berg, Leon Keer, and Don Pinkerton, Caltech assumed responsibility for raising funds (not from students) to sponsor a delegate from Southern California to the International WUS conference in Indonesia. After this, Caltech will probably name a delegate to the conference.

The World University Service, as every Caltech charity drive solicitor knows, gets a sizable share of funds from the fall drive. Present plans also call for a picnic supper at Brookside Park Saturday night, a pep rally, and a procession into the Rose Bowl for the game. Afterwards, a victory dance, co-sponsored by the Alumni, will be held in the gymnasium. Rally Commissioner Frank Kofsky will work out these ideas.

A Campus-to-Career Case History
That's the population of the Mason City, Iowa, area where Jack MacAllister (Iowa U., '50) is Manager for Northwestern Bell Telephone Company. How would you like this kind of job? • • • "As Telephone Manager I represent Mason City to my community. Among my customers are bankers, farmers, housewives, merchants, in fact anyone who might have problems and problems about telephone service. Through public information and good business office service, my people and I do our best to furnish the answers." "My assignment calls for varied activities—sales, public relations, office supervision. One minute I'm describing a new service to a rural customer. "It's a job with lots of variety and responsibility, and I enjoy every day of it. My supervisor is Jack, and that puts me pretty much on my own—which is the way I like it."

Jack MacAllister graduated with a B.S. in Commerce and started with Northwestern Bell about five years ago. As Telephone Manager at the age of 26, he is typical of the many young men who are building careers in telephone work. Similar opportunities exist today with other Bell telephone companies... also with Bell Telephone Laboratories, Western Electric, and other Bell System operations. Your Placement Officer has all the details.
**Sec’s at Tech**

We were browsing through the main library in search of some old copies of *Playboy* when by mistake we wandered into the back room and to our pleasant surprise, found ourselves confronted by an attractive brown-eyed brownnette. Figuring that a bird in the hand was worth two in the bush, we abandoned our quest for *Playboy*, got out our old physics lab book and jotted down the pertinent facts, me’om.

First things being first, we found out that our brownnette is Doris Fullinwider, and for more or less obvious reasons we elected to call her “Doris.” Like ourselves, Doris was born in Los Angeles twenty years ago, but she’s by far the prettiest. She stands five feet, six inches tall, weighs one-twenty and her official title in the library is “book mender and processor.”

Doris came to Caltech last July, following two years at Mt. San Antonio college where she majored in education, which we’re sure is standing her in good stead now. Her plans include working here for a year and then going back to school to get her degree.

Doris has studied the piano for three years, and is interested in modern music of all kinds. Her favorite sports, spectator and otherwise, are football, sailing and bullfighting, having become interested in the latter during a two-year stay in Pam­ama.

We asked Doris if Caltech men seemed unusual, and, tacitul soul that she is, she replied in the negative, then as an after­thought she added that at first she was taken aback by the fel­low who came into the library and laid on the tables. We pressed her for more details, and she said that there was one student who always did his studying in the library, located, associated with leaders of research and experimenta­tion . . . of winning recognition . . . of achieving advancement commensurate with ability.

In addition to its continuing and ever expanding achieve­ment in nuclear weapons research, the laboratory is now pioneering in the fascinating fields of nuclear power and nuclear propulsion.

If you would like more information about the Labora­tory’s career opportunities which are not civil service . . . about the delightful climate and area in which Los Alamos is located, send your inquiry to DEPARTMENT OF SCIENTIFIC PERSONNEL Division E.

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**WINSTON TASTES GOOD!**

**LIKE A CIGARETTE SHOULD!**

**Smoke WINSTON**

the easy-drawing filter cigarette!
Why do more college men and women smoke Viceroy?

Because only Viceroy gives you 20,000 filter traps in every filter tip, made from a pure natural substance found in delicious fruits and other edibles!

1. Yes, only Viceroy has this filter composed of 20,000 tiny filter traps. You cannot obtain the same filtering action in any other cigarette.

2. The Viceroy filter wasn’t just whipped up and rushed to market to meet the new and skyrocketing demand for filtered cigarettes. Viceroy pioneered. Started research more than 20 years ago to create the pure and perfect filter.

3. Smokers en masse report that filtered Viceroy’s have a finer flavor even than cigarettes without filters. Rich, satisfying, yet pleasantly mild.

4. Viceroy draws so easily that you wouldn’t know, without looking, that it even had a filter tip...and Viceroy cost only a penny or two more than cigarettes without filters!

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

Frosh gridders working into form

With just eight days left to whip a Frosh team into a sound offensive and defensive unit, Coach Ed Preisler is working overtime with his players preparing for that big opener against Pomona-Claremont on Friday, October 14. Weight is a big problem which will have to be overcome before then. It seems that we’re fielding a much lighter team than last year. In spite of this Coach Preisler is placing a lot of confidence in this group of relatively inexperienced players, and with good reason, apparently. Bob Ingram is really playing smooth ball in the quarterback spot, his six foot two inches combining well with a very accurate passing arm. At halfback, Fred Newman and John Everett are both showing promise as steady performers. Bob Huotiller is demonstrating a lot of hustle in the fullback position to round out the backfield picture. Backing this crew up will be Bob Engelberg who also has a deadly passing arm, and Frank Childs, who is blocking and tackling well at the halfback spot.

The line is led off in a booming way by Russ Pitzer, a 190 pound guard or tackle and Joe Hughes, a 215 pound boy with experience at both spots. Stevens and Alcorn also look like good bets for line berths, with Rick or Baer plugging up the center, Out on the ends Kelley and Price are showing a lot of spirit and ability. The team is green as far as experience goes, but their spirit might make them a good team.

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Be sure to see the "DAMON RUNYON THEATRE" on TV
Penalties cost Beavers win over Bulldogs, 14-7

Caltech's varsity football team opened its season with a bang Saturday by rushing a highly favored Redlands team all over the field for two quarters, only to tire in the second half and drop a 14-7 decision.

The Beavers completely dominated the first quarter, playing in Redlands territory the entire period. After Caltech's initial drive petered out outside the Bulldogs' 20 yard line, Redlands took the ball, but couldn't make the necessary yardage for a first down, and was forced to punt. Don Stocking, sophomore halfback, gathered the kick in on his own 48 yard line, took off down the middle of the field, and outpaced 21 other players to score Tech's first touchdown of the 1955 season.

Chuck Malone kicked the extra point and the teams left the field tied at halftime, 7-7.

The second half was all Redlands, as the Bulldogs' reserve strength began to tell. The winning touchdown came in the third quarter on a 44 yard screen pass play from Tipton to Howard Newmann, and the rest of the game saw the tired Technicians trying futilely to tie the score.

Outstanding both on offense and defense for the Beavers were backs Krehbiel, Stocking, and quarterback Phil Conley, while Larry Whitlow, Ed Nelson, Kyle Bayes, and Larry Berry were the big guns in the line.

Statistics:

<table>
<thead>
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<th></th>
<th>Caltech</th>
<th>Redlands</th>
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<tr>
<td>First downs</td>
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<tr>
<td>Yds. penalized</td>
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Carl's

Caltech Barbers
906 E. California St.
3-7554

Soccer teams open season this Saturday

Soccer season opens with a bang this Saturday when the Varsity meets the Pasadena Cosmos in what figures to be the toughest workout of the year. While this is only a practice match, coach Bob Huttenthal's men will be up against a

WHAT'S THIS?

For solution see paragraph at right.

X-RAY OF ADAM (AFTER EVE)

OCTOPUS AT ATTENTION

SPRING HAT

Dol Spencer
West Va. U.

Students!

EARN $25.00!

Cut yourself in on the Lucky Doodle gold mine. We pay $25 for all we use—and for a lot more. Send your initials and descriptive titles, including your school address, college and class and the name and address of the college town from whom you buy cigarettes most often. Address Lucky Doodle, 906 E. California St., Mount Vernon, N.Y.

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Lucky's taste better—cleaner, fresher, smoother!
Cool Corner

by Frank Kosky

Los Angeles Times, The, The Octet

Los Angeles State College for three years, majoring in music theory and composition and receiving his BA and teaching credentials from the latter institution. He wrote several legitimate compositions, including a violin sonata, a woodwind trio and several clarinet quartets, during his college years.

Although the majority of the solos in the albums are played by Niehaus, the other artists, all familiar figures in West Coast jazz, appear to good advantage.

Flu shots ready at Health Center

Flu shots are now available in the Health Center free of charge to both undergraduates and graduates. Faculty members, employees and dependents may also take advantage of this service for the fee of $1.00.

Neher to speak to Physics Club

Tonight will see the first meeting of the Physics Club. It meets every other Thursday night at 7:30 in room 100 Kellog. This week’s meeting will feature Dr. Henry Victor Neher who will speak on cosmic rays and tell the club about his summer in Greenland.

The president of the club is Fritz Trapnell and the secretary-treasurer is Lyman Fretwell. Refreshments will be served and everyone is invited to attend.

Monday set for debate club meet

Pi Kappa Delta president Ray Orbach has announced another congregational meeting for those interested in participating in Caltech speech activities this term.

At 7:30 Monday night, October 10, in 206 Dalnay the debaters will settle upon times for practice debates. All those who attended the previous meeting are urged to come to this half hour get-together.

Convention to hear famous physicist

As the high point of their annual convention, members of the national ASIS will hold a banquet meeting tomorrow night in the Athenaeum kitchen. Principal speaker on the evening’s program will be Dr. Max Schwartz of CTA.

Dr. Schwartz, who matriculated at Northwestern in 1944 and has now reached his senior year, will explain what he claims is a partial unified field theory, or an ordered mathematical representation of the physical universe in terms of one basic equation relating nuclear forces to the sex drive.

According to his theory, Dr. Schwartz explains, all electromagnetic phenomena are related to simple gravitational manifestations by the introduction of the grapefruit factor, which expresses all inverse-square force fields as sums of infinite sequences of airplanes.

The means of this reduction, Dr. Schwartz’s theory shows rigorously that kangaroos are not unique except when canoe trips are held in April.

Dr. Brown (Continued from Page 1)

Among the Soviet exhibits was a model of a nuclear reactor plant which the Russians now have in operation generating 5,000 kilowatts of electric power. Dr. Brown believes that the U.S. is definitely not secure in its position of leadership in atomic power development; the Geneva Conference, he feels, showed clearly that the Russians are advancing very rapidly in this field.

Dr. Brown stated that, in his opinion, one of the most significant accomplishments of the conference was that it pointed out clearly that the existing conventional energy supplies fall far short of meeting the total energy requirements throughout

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"Phi-Bela"

Wednesday, September 28, 1955

Frank Kofsky

Los Angeles Times, The, The Octet

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