

STUDENT STATUS

by Willard C. Fleming, Dean

Passing judgment on one's fellow man is always a difficult procedure, be it a draft board, a judge in court or a teacher grading a student. In almost every case, judgments are passed based upon insufficient evidence.

Medicine and Dentistry are taught largely in an authoritative manner, and not by argument and discussion, and as a consequence student evaluation is made in a like manner. One should add to this the thought that many medical and dental teachers are competent professional people and amateur teachers, and it can be assumed that good grading (a mark of a professional teacher) is bound to be a rarity.

For well over ten years the Dental School has used a "group grading" system whereby all grades and all students are discussed in open meeting.

At the end of each semester, all teachers for each class bring their grades to a Student Status Meeting chaired by the Dean. The class roll is called and the grade for each course is recorded for each student. Grades of "E" or "F" must be accompanied by an explanation and a statement of what must

be done to remove them. Each student is subject to discussion and the Committee, after reviewing all the grades and listening to the discussion, may, by majority vote, make general recommendation.

The recommendation may include—

1. Denial of further registration;
2. Repetition of the semester;
3. Probation;
4. Interview by the Dean;
5. Refer to Student Health;
6. Appointment of a special advisor;
7. Reduction of outside workload or reduction of academic load;
8. Financial assistance;
9. Many others to suit special problems.

There is not time to review this program in detail, but even in this brief outline it must be evident that grades openly given and subject to challenge will have an element of fair evaluation that is not possible where grades are written on a course report and sent to the Recorder's Office, and thus not subject to review. One does not say that this is the best system of grading in existence, but one does say it is the best one the faculty of the Dental School has been able to devise. Any and all suggestions for improvement are welcome.

NURSES' CONVENTION

Student nurses from every state in the union plus the territories of Hawaii and Puerto Rico attended the convention of the National Student Nurses' Association in Chicago through May 10. This organization, sponsored by the American Nurse's Association and the National League of Nursing, co-ordinates nursing schools into one representative body whose purpose it is to develop understanding, mutual assistance and co-operation between schools. Examples, ideas, and suggestions are exchanged between the representatives on student government, living accommodations, rules and regulations, and social activities. In addition, the progressive trends in nursing education, the various nursing specialties (public health, education, administration) available to the graduate nurse are explained to the representatives who carry this information to the students in their respective schools.

The University of California School of Nursing was represented this year by three students: Sandra Cadwallader, Rochelle Dessaussois of the senior class, and Roberta Shields of the freshman class. Miss Shields is vice-president of the Northern Region in the California Branch of the national organization.

The Nursing Student Body presented the Spring Sing in April to raise funds to give financial assistance to these representatives.

Spring Formal Tonight

by TRISH MEYERS

Tonight's the night for the Annual Dental School's Spring Formal. All members of the faculty, the academic and non-academic staff, students and their dates are cordially invited to attend.

The Alpha Omega Fraternity will host the cocktail party, and it will be held at the Xi Psi Phi (Zips) Fraternity House, 745 Parnassus Ave. at 7:30 P.M.

The music of Phil Bovero and his men will start at 9:00 in the lively and colorfully decorated dance room of the Corinthian Yacht Club. Those who attended the Bacchus Dance will remember the good music that Mr. Bovero provided for the evening's entertainment.

A midnight supper (turkey, ham, corned beef, different kinds of cold cuts, potato salad, potato chips, olives, pickles, etc.) will be served

PHARMACY DEANSHIP

By JOAN B. LILLEY

Dr. David D. Kendrick, Lecturer in Economics and Pharmacy Administration in the School of Pharmacy for the past six years, has accepted appointment as Professor and Dean of the School of Economics and Business Administration at the University of Idaho, Moscow, Idaho, as of July 1, 1957. In January of 1952. In 1956, he completed the Ph.D. requirements at Berkeley, writing his thesis on "International Transfer of Technical Knowledge and Forms of Business Organization."

Dr. Kendrick's record of achievement and participation is an exceptional one. Since his appointment in the School of Pharmacy he has served every year as a member or as chairman of the Committee on Student Affairs. At the present time, he is the Advisor of the Student Branch of the American Pharmaceutical Association, and is Chairman of the Committee for Pharmacy of the Board of Directors of the Northern California branch of the American Pharmaceutical Association. He is now considered an authority in retail pharmacy operation, and acts as an economic consultant for the pharmacists in the bay area.

In May of 1956, Dr. Kendrick initiated a statewide survey, "The Characteristics of California Pharmacy and Pharmacists." Aimed at every person now licensed to practice pharmacy in the state of California, the findings will be used as guideposts in determining educational and economic needs of pharmacy in localized areas and in the state as a whole. He hopes to have the completed results published before his departure.

Dr. Kendrick sincerely regrets "leaving California, and the faculty and students of the University. I am very grateful for the assistance Dean Daniels and Dr. Eiler (Assistant Dean) have extended to me. I intend to maintain my membership in the pharmaceutical organizations." He is held in the highest esteem by the students and faculty, and all are deeply disappointed that he is leaving. We wish him every success in his new position.

to everyone by Ray Ward, student store manager, with the compliments of the Dental School.

There will be a full moon this evening so you will want to take advantage of the beautiful, romantic setting that surrounds the Corinthian Yacht Club. Dress in your best bib and tucker—your being there will make the evening a huge success.

THE SYNAPSE

U. C. MEDICAL CENTER

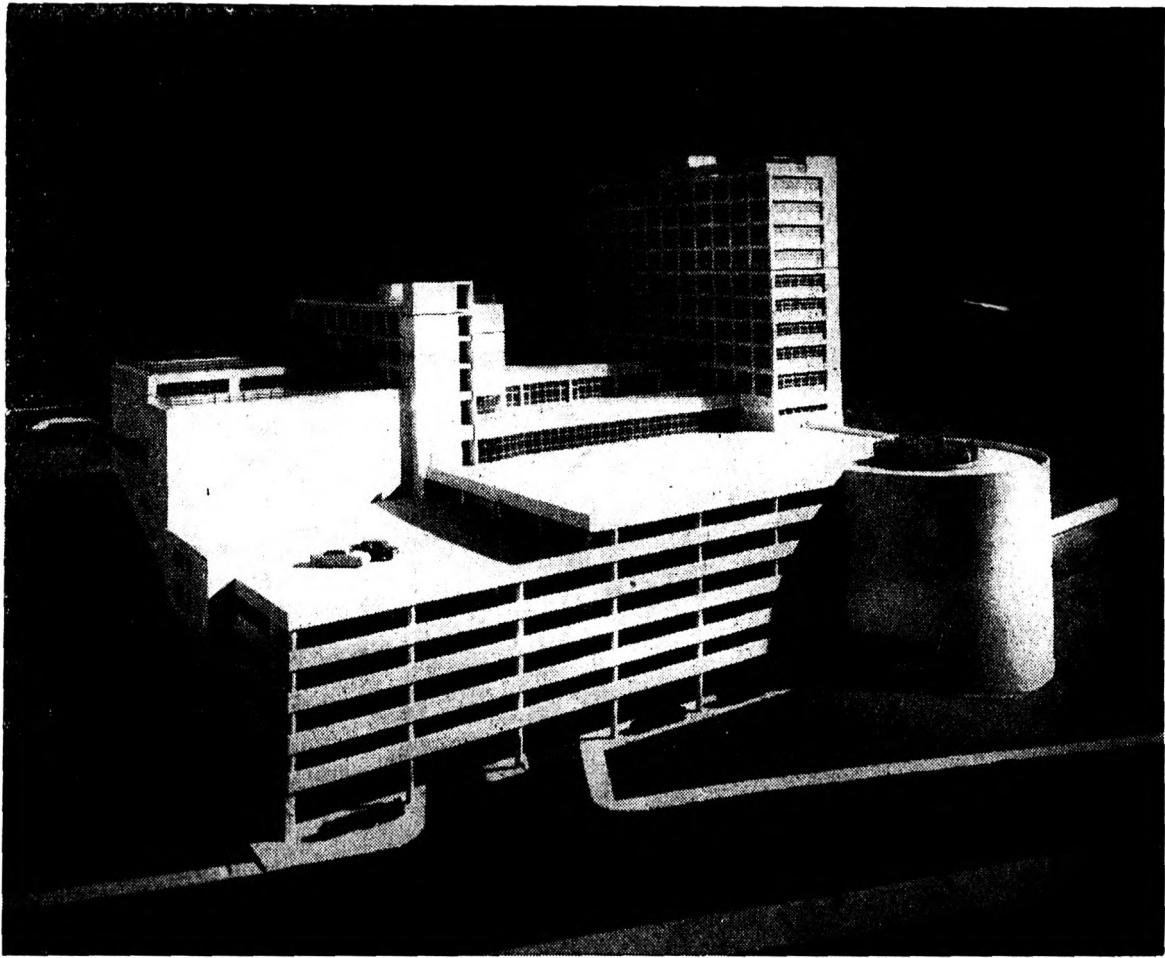
San Francisco, 22

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San Francisco, May 1957

No. 2

ADDITION TO STUDENT UNION PROMISED



Combined structure, University of California Medical Center, San Francisco, California. Foreground is Garage. Left to right: Physical Education, Interns' Residence, Union, Nurses' Residence. Milton T. Pflueger, Architect.

Living Accommodations

The Regent's program for the development of residence halls on the various campuses of the University will provide the San Francisco campus with living accommodations for both single and married students. Dean of Students, Herbert Johnstone reports that State and Federal funds have been made available to complete student residents quarters in the Guy S. Millberry Union and to construct apartment units in the Clarendon Avenue area on the hill behind the main part of the campus.

The present program includes the completion of the Millberry Union now under construction. As originally planned the Union was to be built in two units. The first unit comprises the structure now gradually nearing completion. The

second unit called for the addition of floors to the residence sections of the first unit. Until recently funds were not available for the construction of the second unit and it was anticipated that a considerable period of time would elapse before the Union would be completed. Fortunately the situation has changed and it will not be too long before we have the entire building with all of its many facilities available to the campus. The completed Union will house approximately 400 single men and women students. The Guy S. Millberry Union with all of its social recreational and cultural activities should provide an enjoyable residential area for many of our students.

Plans for the apartment units are still in a formative stage. The

present program calls for the construction of approximately 110 small apartments (two-thirds with one bedroom and one-third with two bedrooms). The apartments will be located in the Clarendon Avenue Area behind the campus. Clark, Buettler and Rockrise have been appointed by the Regents as architects. In addition to the apartment units the project will include "common" areas such as lounges and laundry facilities. Off street parking and children's play areas would be included. The Office of Architects and Engineers have indicated that the apartments will be so constructed that provisions will be made for future expansion. Dean Johnstone promises further reports to Synapse on the progress of the student residence program.

MARKLE SCHOLARSHIP

Dr. James A. Merrill, 31, instructor in obstetrics and gynecology at the University of California Medical Center, San Francisco, has received a Markle Scholarship in Medical Science. He is one of 25 young American medical school faculty members whose receipt of the highly-prized award was announced in New York yesterday by the John and Mary R. Markle Foundation.

Each Markle Scholar receives a five-year, \$30,000 grant in support of his salary and/or research expenses. Purpose of the awards, according to the foundation, is "to improve medical research and education by assisting some of the promising young teachers and investigators who too often, for financial or other reasons, must forego academic careers to enter private practice or industrial laboratories."

(Continued on page 2, col. 2)

Ten Top Killers

CANCER

by DAVE WINEGAR

The previous article previewed the scene of heart disease, the nation's foremost cause of death. Now we turn to another menace, cancer, which occupies second place to this dreaded disease. The mortality rate, according to the Metropolitan Life Insurance Company, is 130,100,000 policy holders.

Cancer! What does this word mean to you? Many view it as an ugly monster that incessantly grows, permeating the depths of the body, accompanied by its grotesque counterparts—insufferable pain and ultimate death. Indeed, this bleak picture is not as final as it once was assumed, for with research we have brightened it considerably. The cause still remains somewhat of a mystery, though many agents have been shown to be carcinogenic. There has been a definite rise in cancer's incidence as a result of the in-

dustrial civilization which has produced over 4000 cancer-forming chemicals. The air we breathe contains many contaminants such as incompletely burned bases and oils, soots, cigarette smoke, and smog which are of this nature.

Specific carcinogenic agents may cause cancer in specific organs of the body; for instance, arsenic, tar, paraffin oils, and x-rays cause the skin cancers so evident in sailors and farmers, while the increased incidence in skin cancer through Florida, Arizona, Texas, and California is attributed to sunlight. Benzene and radiation cause leukemia which is found to be eight times more common in the radiologist than in the M.D.s. The hot clap pipe of the Dutch smoker causes lip cancer just as the leaf-wrapped betel nut of the Philippine Islanders causes cancer of the mouth and tongue. The Moslem's, who continually shave their heads with

(Continued on page 4)

EDITORIAL

As one can see, this second issue of Synapse is not a dental school exclusive like the first one. All of the other schools on the campus were sufficiently incensed to get the ball rolling and to make this issue truly an "All Campus Paper."

In general, the response has been excellent. We have only one main problem—a problem of limited space. This can be solved two ways—either have more frequent editions or have longer papers. We have chosen the former. Beginning next semester this paper will appear every two weeks if we can arrange sufficient advertising this summer. We are contacting National Advertising Service in New York for advertising on a contract basis. We also need local advertising, however. This is where you can help. Patronize our advertisers and tell them you saw their ad in our paper.

The paper has a great potential—many things are still in an embryonic form, but in September you will see the maturation of many of these ideas.

Please note the staff column and see who is directly representing each school. Bring any suggestion to these people and remember—this paper is for everyone on this campus, not just the students. Everyone on this campus is newsworthy some times or another. If you are an instructor wishing to convey a message or one of the many workers in a laboratory on the hill with a special piece of news, either give it to the associate editor in the school in which you are working, or send it to: Synapse, Box 47, U.C. Medical Center, San Francisco. The paper is now supported financially by every school on the campus—please take advantage of your investment.

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PANNING THE PROFS
The very popular Annual Senior Dental Students Dinner will be held at Dave Ludwig's Colonial Drive-In on the night of May 16th at 6:30 P.M. The occasion will be highlighted by the presentation of awards to the faculty members based on meritorious achievement.

Pharmaceutical Convention
By JOAN B. LILLEY
Ten research papers were presented to the Scientific Section of the 104th annual American Pharmaceutical Association convention on May 1, 2, and 3 by faculty members of the School of Pharmacy. The meeting, which was held in New York City, was the seventy-first assembly of pharmacy's scientists, by which the vast amount of research undertaken by pharmacy educators and technical workers is encouraged and publicized. Several prizes are awarded each year for the most significant and noteworthy contributions in this field.

Meeting concurrently with the scientific section were the sections of practical pharmacy, education, history, and economics. Dean Troy C. Daniels of the School of Pharmacy presided as

Markel Scholarship
(Continued from page 1)
Dr. Merrill's research interests center on cell and tissue chemistry in cancers of the female reproductive system.

Born in Utah, Dr. Merrill received his M.D. degree from the University of California School of Medicine in 1948. He had taken pre-medical studies at the University of Utah and College of the Pacific. After an internship at the U. C. Hospital, he received a year of residency training in general pathology at Cleveland General Hospital, followed by a year in obstetrical and gynecological pathology at Harvard Medical School.

The Markle Scholar served as an Air Force medical officer from 1951 to 1953. He was appointed to the U. C. faculty in January, 1957, after three and a half years of residency training in obstetrics and gynecology at Alameda County-Highland Hospital, San Francisco City and County Hospital, and the U. C. Medical Center's Herbert C. Moffitt Hospital.

Dr. Merrill is married and has three daughters. The family lives at 1462 Tenth Avenue, San Francisco.

Three other U. C. faculty members have also received Markle Scholarships since the program was inaugurated in 1948. They are Dr. T. Timothy Crocker, associate professor of medicine; Dr. Samuel J. Kimura, associate professor of ophthalmology, and Dr. Vincent medicine.

Chairman of the House of Delegates, the legislative body of the Association.

PHARMACY EXPERIENCE

By EVA FIELD

The University of California Student Branch of the American Pharmaceutical Association presented the results of their survey dealing with working conditions, hours and wages received by student pharmacists, at this month's meeting of the Northern California Branch of the Association.

The meeting, held on Wednesday evening, April 17, included a dinner, which was followed by a short discussion of pending state legislation applying to the practice of pharmacy in hospitals. The evening was concluded by a program in which the findings of the survey were presented by Ernie Geddès and Carl Windell, under the direction of Dr. David Kendrick.

The survey disclosed that, of the students now working to fulfill their pharmacy experience requirements, 57% work in neighborhood drug stores, 29% in prescription pharmacies, 8% in hospitals, and 6% in chain drug stores. Senior students, who are all employed at the present, are primarily receiving experience in prescription dispensing; 75% of them work less than 25 hours a week, and 40% have worked in at least three stores, thus obtaining a wide variety of pharmaceutical experience. On the other hand, 20 of the 80 sophomores are working, but none over 25 hours a week.

Among those attending the meeting were members of the State Board of Pharmacy, Mr. Augustus Affleck and Mr. Carroll Waterman; members of the School of Pharmacy faculty, including Dean Troy Daniels and Drs. Robertson Pratt, Frank Goyan, David Kendrick, John Preston and Donald Brodie. Also present were Mr. George Bohlken, Secretary-Treasurer of the Northern California Pharmaceutical Association, and many other prominent members of the pharmacy profession.

"My wife is scared to death someone will steal her clothes"
"Doesn't she have them insured?"
"She has a better idea than that. She has a guard in the closet to watch them. I found him there last night."



HAVE YOU NOTICES HOW THEY SEEM TO BE PILING MORE AND MORE WORK ON US EACH SEMESTER!

BILLBOARD REVIEW

By BOB NEUMYER

This section is presented as a condensation of material posted on the bulletin boards and does not necessarily reflect the opinion of the author, but on the other hand.

ALASKAN DENTAL BOARD EXAMS:

At Elmendorf Field in Anchorage, Alaska at 8:00 AM, Friday, July 9, the Alaskan Board examinations will commence and they will end on July 12, 1957. This will give you time to return and take the state boards in California. Idaho is on June 17. Read the bulletin board on the 6th floor for further information.

STUDENT AWARDS AND PRIZES

Do you know that there are many awards given out in Dentistry, Medicine, Pharmacy, and Nursing? You may be qualified to be a recipient of one of these fine awards and never even know it. Look inside a booklet entitled "Prizes For Student Achievement, University of California." There under "San Francisco Campus," is an excellent array of awards and honors that could be yours.

WHY WORRY?

There are only two things to worry about. Either you are well, or you are sick. If you are well, then there is nothing to worry about, but if you are sick, there are two things to worry about. Either you will get well or you will die. If you get well there is nothing to worry about. If you die, there are two things to worry about. Either you go to Heaven or Hell. If you go to Heaven, there is nothing to worry about, but if you go to Hell, you'll be so damn busy shaking hands with friends, you won't have time to worry.

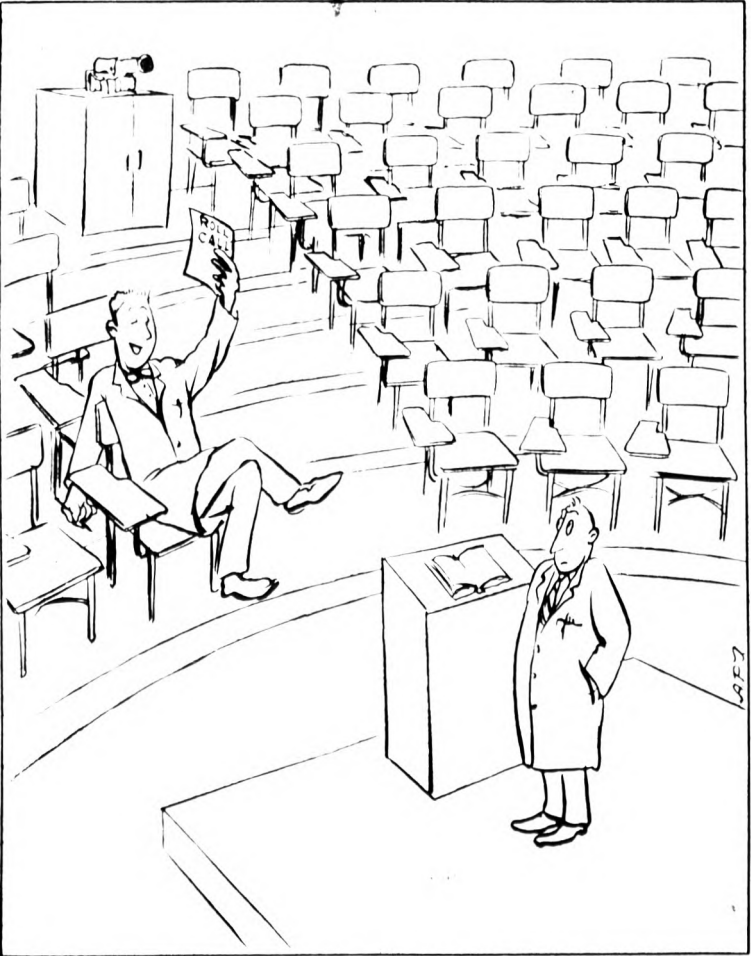
—Anon.

EARTHQUAKES AND FEAR

While writing this article another one of those little quakes just rumbled by, which hardly bothered me. So as I come up from under the table I am reminded of another "fear induce" called thunder which leads to the joke about the prominent Chicago psychiatrist who told a patient, "Ridiculous that you should still be frightened of thunder at your age. Thunder is a mere natural phenomenon. Now the next time it storms, and you hear a couple of claps of thunder, just you do like I do—put your head under a pillow and stuff your ears until the thunder goes away."

U.S. GOVERNMENT AWARDS

Would you like that free trip to Europe? Under the auspices of the Dept. of State and the Board of Foreign Scholarships, various lectureships and research scholarships are available to many different countries in Europe. For information locally, contact the Office of the Dean, Rm. 52A, UCH Bldg. Application forms and information is available through the Conference Board of Associated Research Council Committee on International Exchange of Persons. I will repeat only once: Eligibility? That's easy. You just must be a U.S. citizen and must have a doctorate degree from a recognized institution of higher learning. See you in line.



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CAMPUS CHATTER

Kappa Psi

By LEON LEVY

Our spring semester this year has been highlighted by numerous events, beginning February 23, with our initiation dinner at the Bermuda Palms in San Rafael at which ten students became members of the fraternity. On March 21, we had a buffet dinner for our Grand Regent, Dr. Louis Fischer, who was visiting us. The dinner was served at our new house, across from Moffitt Hospital, which we acquired last fall.

This spring we held elections; an entire new panel of officers was elected for the coming year. Kappa Psi's basketball team has been in fourth place so far this season. The team bought basketball jerseys, each player paying for his own uniform.

On March 24, we sponsored a "Play in the Hay" party, for which we decorated our basement western style and played music which had previously been recorded on tape. April 1 was the date of our exchange dance with the girls of San Francisco State College. Music was provided by our reliable tape recorder, and a good evening was enjoyed by all.

We plan to have several more parties before the end of the semester's social season, to celebrate the approach of summer.

Alpha Omega

By STAN TOBIAS

The big news from Alpha Omega is the initiation of the pledges. On this occasion all the members gather for a solemn ceremony, a large dinner and lots of free drinks. Heading the list of initiates is Stan Tobias, Marshall Turner, Jule Lifschitz, Rick Diamond, Al Wasserstein, Gabe Kallos, Jack Drandell and Jerry Kowitz.

With graduation drawing near, Bob Rouda is making certain wedding plans. A honeymoon in Mexico will do much to help soothe Bob's jangled nerves.

The Alpha Omega social committee continues to function in its usual efficient manner. A big picnic in Marin County and a night at the theatre is in the offing.

A long sigh of relief went up from Sophomore Sid Perlman when recently, he narrowly escaped the bonds of matrimony at the hands of a CCSF coed. Now life is bearable again at the AO house.

Rho Pi Phi

By WALT JAN

The Western Regional Conference for the Rho Pi Phi fraternity was held at the Fairmont Hotel on May 5th. Representing Lambda chapter at this classy affair was Jim McKinley and Stuart Carroll.

The latest gossip about the Ropes are:

What's this about Bob Childers getting "55" on the Physical Chemistry exam after four nights of studying? Too bad Bob, more studying needed.

Congratulations are in order for Stuart Carroll, a victim of a recent wedding.

Well, well, it seems that Willie Wong, the official U.S.P. bird-dogger, finally got his first blind date. Very good, Willie!

It was found that Ron Feldman isn't much of a poker player after losing four dollars in a half hour. He was all shook up.

A certain cute nurse, Mary D., has been, using chopsticks like a professional. Good going Jim!

Tony Demourkas will be needing a pair of glasses soon unless he stops straining his pretty blue eyes. (And NOT on books either).

The recent election of the Ropes showed the following results: Chancellor, Stuart Carroll; Vice Chancellor, Stan Goldstein; Exchequer, Bob Glende; Scribe, Irwin Jackman; Fiery Dragon, Kahn Yamada; Master of Ceremonies, Walt Jan; and Historian Wayne Quan.

AKK News

By PAU LNORTON

They (?) are still talking about the annual AKK Hayride which was built around the theme, "Singing in the Rain". Notables attending the ramp in the damp included Dirk Van Peenen with Alexis Rosalis, Conchita Rosena with Larry Swick and Bob Stanton with a girl that spoke English. The pledge was also there!

Ralph Green brought his guitar and sang, somebody brought a uke and played . . . Marcifully, Art Miller didn't sing or play and we doubt if he brought anything (knowing Art).

In case you're worried about the grunts and sighs emanating from the house these days—it's mostly the barbell liltng . . .

Springtime in Rm. 518

By STAN TOBIAS

Spring has sprung on the Freshman class. Spring means more than just setting teeth and carving crowns. Three of the freshmen have announced new additions to their families.

Lamont Carr and his wife Billie have a little girl, Kimberly Ann. This is number two for Lamont. Old timer Ken Russell has come through again with number three. Ken and wife Carma have named the little girl Andrea. The amateur of the trio is Richard Suezaki. This is his first. He had the only boy of the group. Little David is quite an addition to the Suezaki household.

Also trying to further the cause of love in the Freshman class is Bob Brown. Although not contributing by additions of children, he is contributing deeply to research on love. Bob is steadily dating Holly Park who is a featured entertainer at the Robin Hood.

Junior Hygienist

By LIBBY FUHRMAN

The Dental Hygienist Tea this year, at which the Juniors were well represented, was held a few weeks ago on the Berkeley campus. Everyone there had the opportunity of meeting March Fong, President of the A. D. H. A. To top the afternoon off, Margie Matson, who isn't yet accustomed to these San Francisco inclines, didn't alight from the car so lightly and ended up on crutches.

The Dental Convention was thoroughly enjoyed by all. The Juniors collected their share of gold toothbrushes, pain relief tablets and other such necessary sundry items. The more social aspect of the convention which began at five was looked forward to each day. Here new friends were met and old acquaintances renewed.

We're very happy to have Jeannette Sanborn back in class with us, but it seems that when one is gained, another is lost. Pat Sibbett is now nearing the end of her stay in the hospital with mono. We certainly do wish her a rapid recovery and hope she will be with us soon.

To end the year with a bang the Juniors are planning a party for the Seniors on May 18th at the Marin Country Club. Carol Aasletten is in charge of the activities, which include swimming, while Tsue Fong with Sally Petrequin, Ann Pope, and Toulou Barkas are handling the food arrangements.

Psi Omega

by DON MAGRINI

As was anticipated, the South Sea Island Party of March 30 was a tremendous success at the Psi O house. Sarongs, mu-mus, and other assorted beach apparel bedecked guests along with enthusiasm befitting the occasion. In all, I'm sure everyone who attended enjoyed the occasion.

Road & Track: Beware of a tan '51 Chrysler sedan sporting dual exhausts. It's the property of one R. T., an otherwise distinguished sophomore who delights in "participating in contests of speed and acceleration" (drag racing, that is). Aside from the impressionable tone of glass packed mufflers I'm not sure of the car's potential, but knowing Roger, all I can say is—Jaguars, look out!

Unsung hero: Dick Jennings has been constructing some beautiful appliances for the oro-facial clinic. I think his interest and endeavors in this work certainly are noteworthy and deserve some recognition as a real service to the patients of this department.

Nu Sigma Nu

By REX McALPIN

At old Nu Sig things are really in a mess. One month ago, redecoration of the house was started and it is still proceeding. Contrary to popular belief, the hardest part of the job is separating the brothers from their beds. Fortunately, the house seems to get cleaned up by itself (gremlins?).

Bob Mayo was elected fraternity president for next year. Helping will be Marv Beil as veep and Bob Griffith as house manager.

Saturday, April 27, was the occasion of a party given at the house by the Stanford Nu Sigs. Although the physical damage was negligible, everyone seemed to enjoy themselves. That night also marked the return of our picture of the "oxytoxic principle" rescued by brave hands from the Stanford AKK house.

Initiation of new pledges took place Saturday, May 4th. The evening initiation banquet was honored by Dr. Henry Brainerd as principle speaker and Dr. John Louizenheiser as Master of Ceremonies.

The T.G.I.F. has not been held for several weeks due to the redecoration campaign. However, we hope to hold at least one more such thrash before compulsiveness at finals time overcomes the social urge.

Delta Doings

by MORREY CORBETT

The shades are just about ready to be pulled for the summer at the Delta house. What a year this has been!

We also opened our new California Room for monthly TGIF parties this year and it proved to be a tremendous success. You'll see more of it next year, too.

The rest of the first semester was touched off with the annual Pledge Party, and the Halloween Party—and, of course, the Medical Center Christmas Formal.

The second semester started off big and it promises to end in a similar manner.

We jumped right into the swing of things with the Pajama Party and the Champagne Party. Still hanging on, the Deltas turned full force to elect Tom Basta as King Bacchus at the Bacchus Medicals held in the Richelieu Hotel. It was the first time a Delt was crowned King Bacchus—this was the eighth consecutive year.

We are now all looking forward to the famous South Seas Party, which is given in honor of the graduating Delta seniors. "It ought to be great," says the party chairman . . . roast pig, pineapple, coconuts, seafood, and all the trimmings."

We are all looking forward to next year too, because we think that we have elected a top notch group of fellows to sail the ship. At the helm will be Jack Hockel, ably assisted by Tom Basta, Bob Bean, Mits Fukumura, Walker Halliday, Jerry Bastian, and O. L. Shoemaker.

The entire Delt house wants to wish all the students of the U. C. Medical Center a very happy summer.

Senior Hygienist's Gossip

by GAIL GAVALLER

With finals and the end of our course approaching a rapid end, the senior hygienist's greet this phase of our life with various feelings. There are those who say "thank goodness it'll soon be over," but there is more behind those words. In the past two years we have established memories of our classmates that will bring laughter and warmth when we recall the parties, gab-sessions, the usual gripes and all the other wonderful times we had had together. So, if you'll pardon the sentiment, good luck girls, it's been just great getting to know you.

Fran Ricco surprised all of us by announcing her engagement to Andy Krotoski, a junior dental student. We didn't know Fran was so interested in her "special someone." Fran and Andy will be married August 17th. Congratulations to both of you.

The summer itinerary for Betty York and her roommate includes touring such states as Idaho and Washington. The girls are planning on camping and visiting relatives during the one month trip. Here is a vacation which will long be remembered.

Best wishes for continued success of the Synapse—from the Senior Hygienists.

ZIP News

by ROGER KISNER

Last Thursday, elections for the new school year were held at the ZIP House and Clyde Cowman was selected president. Bob Engman was elected vice-president, Jerry Vonder Ahe is the new house manager, Charlie Soderstrom is the new treasurer, and Roger Kisner is secretary. Ted Misener, the retiring president, handed over the gavel to the new president who is organizing the committees and jobs for the new semester.

Yeh, it's spring again, and the boids are choipin', and some of the Brothers lost whatever sense they ever had and announced that BIG STEP. April 14th, Jim Starr announced his engagement to Pam Krueger of Palo Alto. Pam is a student at San Jose State. The date is June 8th.

Also on the 8th, Pete Brewer will take that long walk with a local girl, Miss Barbara Briggs. Next day, over in Reno, Ray Ferrari will marry Dolly Montgomery.

Russ McCallion announced his engagement last week to Irene Bramers, and he goes down the aisle on June 15th. And on June 16th, George Becker will say the fatal words with Bererlee Riordan of Sacramento.

In the vital statistics department, Karl and Marian Haws had a boy, Karl, about three weeks ago. About the same time, Stan and Robbie Wedding had a girl, Jane. Jerry and Suzanne Dugger had a boy, Michael Scott, two weeks ago. The very latest edition is Barbara and Al Querin's boy, Martin Allan, born on the eleventh.

The cigar smoke is killing me.

PHARMACY SCHOOL PICNIC

By BURT PARSONS

May first, a day celebrated internationally (May-day and all that sort of thing) found the classrooms of the School of Pharmacy void of all human life. It was the day which was set aside by the (hopefully) graduating seniors as their annual "sneak" day. Unhuman cries of released spirits rang through the Berkeley hills, and it is probable that the U. C. seismographs had something to say about a location in Tilden Park called Camp Caves (near Lake Anza) as this was the spot to which . . . they sneaked. (phew!) Since this is a day held in honor of the graduating class, all the student body turned out to do whatever one does at a picnic.

Seriously, various sports were featured once everyone got into the right frame of mind: Refreshments, football, softball, a championship underwater map folding contest, refreshments, volley-ball, tiddle winks for the more energetic (did I mention refreshments yet?) and no doubt other miscellaneous private goin's ons.

You and Yours are cordially invited to the
6th Annual Medical School Picnic
Sunday, May 19, 11 A.M. on

Activities Faculty-student baseball, which will begin promptly at high noon. Swimming, volley ball, faculty "games," outstanding entertainment with faculty participation.

Nourishment Bring your own lunch, but we will provide the ice cream, cokes, milk, and beer.

Directions East from Walnut Creek on Ygnacio Valley Road — right on Walnut Ave. to Oak Grove Road — right on Oak Grove for about 50 yards — then left on North Gate Road — reach Turtle Rock Ranch about 15 minutes from this point. Ignore "North Gate Road Closed" signs.

Cost Faculty — \$1.50. Students, house staff, wives, sweethearts, friends and children over five — 50c.



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CANCER

(Continued from page 1)

blunt instruments, are victims of scalp cancers. The incidence of cancer is also high among the natives of India due to the chaffing of their rough fibrous clothing. As is demonstrated by the previous examples, irritation is one pathway to cancer formation and it has been shown to take a continual exposure of 1/8 to 1/12 of the individual's life cycle for the irritant to produce a cancerous condition.

Besides irritations of the environment, viruses, heredity, and hormones play important roles in causing cancer. As for heredity, only a few types have been shown as being inheritable. These are relatively rare. Multiple polyposis (pre-malignant cancer of the colon), retinoblastoma (cancer of the retina), and xeroderma pigmentosa (a type of skin cancer), are examples. For the most part cancer is not inheritable; however, a tendency toward the disease is.

In the field of chemistry, recently, research personnel have developed a technique to cultivate human as well as animal cancer cells artificially in another animal, in the embryo of a fowl, or in a test tube. This offers the opportunity to do with cancer cells what has been done with bacteria in the past and so may bring about its chemical control.

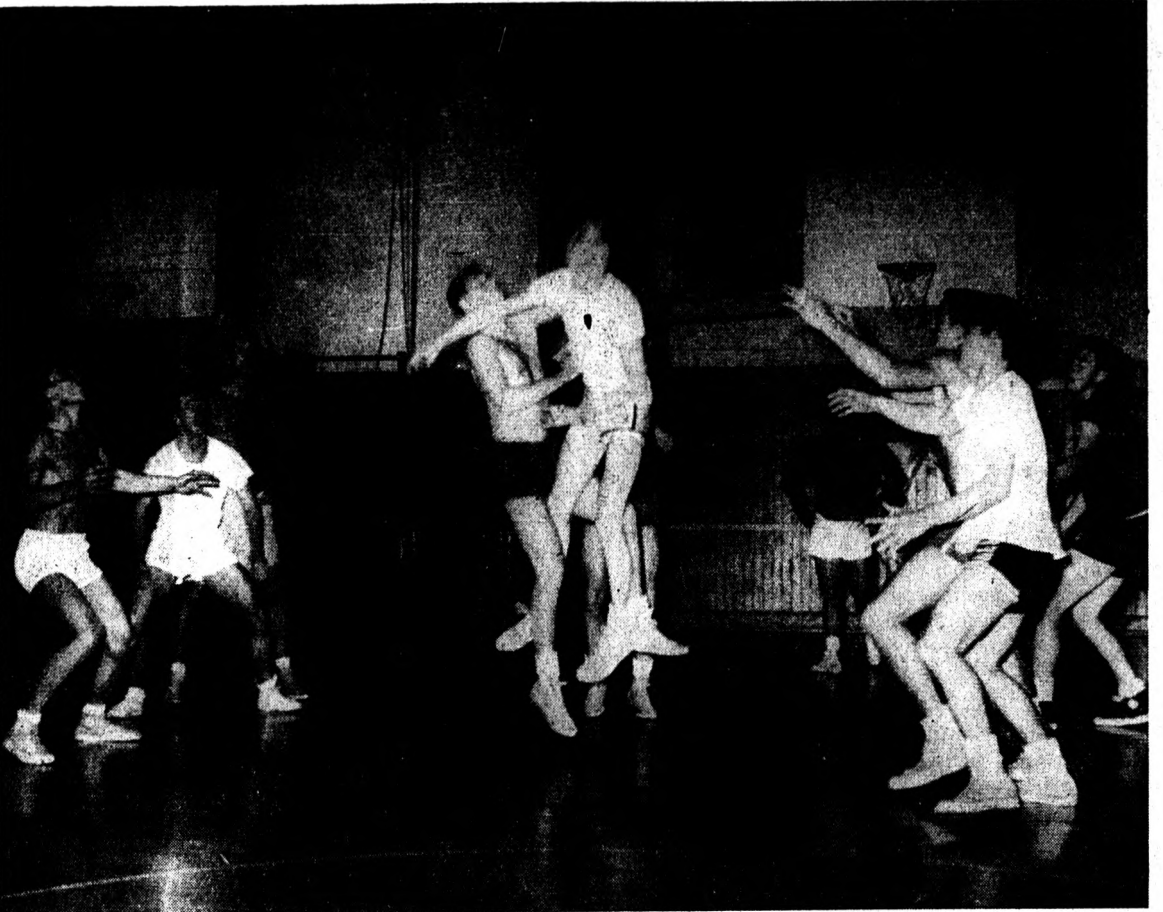
There is good evidence that in some people a specific immunity or resistance develops to spontaneous cancer. To date little of this resistance has been provoked by vaccination; however, evidence of this resistance to cancer by certain individuals has been found in a number of cases. In these cases a specific circulation antibody has not been found, but a chemical component of fat has been found which exists almost exclusively in cancer tissue. It is capable of inducing an immune reaction when injected into animals of other species. Antibodies have been found, but in small and more or less ineffective amounts. It is possible therefore that a combination of immunology and drugs would increase the amount of antibodies artificially.

Surgery, which is the oldest method of treatment, has shown improvements in technique through more satisfactory anesthesia, blood replacement, and alterations of specific procedures. According to Dr. Atchley of the cancer research department on the 12th floor of Moffit Hospital, more emphasis is being placed in the field of chemotherapy. This is being done through drug experimentation with TEM, chlorambacil, leukeran, nitrogen mustard, and sulfur mustard. He also mentioned that at present the universities of California, U.C.L.A., Oregon, Utah, Washington, and Stanford have formed a joint research group which is pooling its results, hoping to expedite the end of this cancer enigma. Dr. Nicholas Petrakis is studying the effect of sulfur mustard, Dr. Jere Sabine is primarily concerned with the effects of enzymes in the blood, and Dr. T. Crocker is experimenting with tissue culture and microsurgical technique.

Education paves the way to a better understanding of this disease. In the words of Dr. D. W. Neubauer, "Education, layman and professional, should alter the cure rates enormously." For example, only 25% of the gynecological cases are cured whereas many more should be; only 5% of the lung patients are cured whereas 50% should be; 35% of breast cancer is cured whereas 95% should be; and only 85% of skin cancer is cured whereas 95% should be. Of course these statistics are based on the idea that if the patient would realize the symptoms early enough then he could be cured. The American Cancer Society has published seven danger signals which might indicate the beginning stages of cancer. To start the education "ball" on the road here they are. Read them, remember them, and spread them around!

1. Any sore throat that does not heal.
2. A lump or thickening in the breast or elsewhere.
3. Unusual bleeding or discharge.
4. Any change in a wart or mole.
5. Persistent indigestion or difficulty in swallowing.
6. Persistent hoarseness or cough.
7. Any change in normal bowel habits.

MED CENTER SPORTS



Assuming a boxing pose rather than one for basketball, Morry Corbet outjumps Ron Marends in the Zip-Delta game.

Soph Meds Capture Title

By MITS FUKUMURA

The Soph Meds, undefeated in eighteen games, have won the ASMC basketball league. They will be presented a trophy which the Zips had won last year.

As of April 30, there were only two games left to be played in regular league competition. On May 7th the Soph Meds played the Phi Deltas and the Zips played the Deltas. Then on May 14th there will be the championship and consolation games.

The highest scoring game of the year was played between the Soph Meds and the Deltas. The score was 74 to 46, as the game was highly offensive with not much defense. Albo led the way to victory with 30 points and his tremendous rebounding. Also helping him offense-wise were Hays with 16 points, Laughlin with 12 points, and Griffith with 8 points. The Deltas offense was led by "Jump Shot" Chinn with 16 points while Hayes and Santos did a good job of rebounding.

Phi Deltas came close to beating the Soph Meds, the score being 47 to 34. High scorer for the Phi Deltas was Hass with 11 points, and Giacolini and Piper, both scoring 8 points, added some extra offensive punch. Albo, as usual, managed to score 24 points with Laughlin and Griffith helping with 9 and 8 points, respectively.

Although Marenda scored 15 points, the Zips lost to the Soph Meds by a score of 42 to 29. Albo led the Soph Meds with 12 points and a tremendous job in rebounding. Helping him offense-wise were Laughlin, Hays and Casebolt. Besides Marenda's 15 points which was high for the game, Salter scored 10 points to help the Zip cause. Both Juhl and Vonder Ahe played a good game for the Zips with their rebounding and all-around good floor game.

The following is the standing as of April 30th, with two more games to be played:

	Won	Lost
Soph Meds	18	0
Zips	12	5
Phi Deltas	10	8
Deltas	11	9
Kappa Psi	7	10
Rho Pi Phi	6	10
Sen. Meds	7	11

SUNNYDALE VOLLEYBALL

By BOB RUHE

The Sunnydale recreation hall is the victim of volley ball every Thursday night, due to the unending efforts of a number of Cal. dental students. The rafters are quite low and afford the best defense known in the game; this factor has led to a maze of rules and keeps all newcomers in the dark for the better part of the evening. So far the hall is intact, but a few windows have quivered and several players have threatened to cut the rafters down.

The group started early in the fall semester and has had as many as twenty players. Those among the regular players are Marvin Dearth, Harry Blyte, Bill Bace, Warren Davis, Floyd Koch, Jack Sadler, George Payne, Dan Sullivan, Don Erb, Bear Claw Horrell and Bob Ruhe.

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CALDWELL COPS CUP

By FRED SOARES

Qualifying at Harding Park and playing his last two rounds at Sharps Park, Charlie Caldwell ended up low man in the championship Flite. Jerry Jensen captured the honors in the First Flite. The Second Flite winner was Dr. Giles, who is on the Oral Pathology staff. The winner of the Third Flite was Jerry Vonder Ahe. All the Flite Winners were presented trophies donated by Roos Bros. Store. The scores were:

Caldwell - 84, Harding Park; 91 and 88, Sharps Park;

Jensen - 87, Harding Park; 79 Lincoln Park; 87, Lincoln Park;

Dr. Giles - 93, 89, 84 Lincoln Park;

Vonder Ahe - 99, 87, Lincoln Park; 92, Harding Park.

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