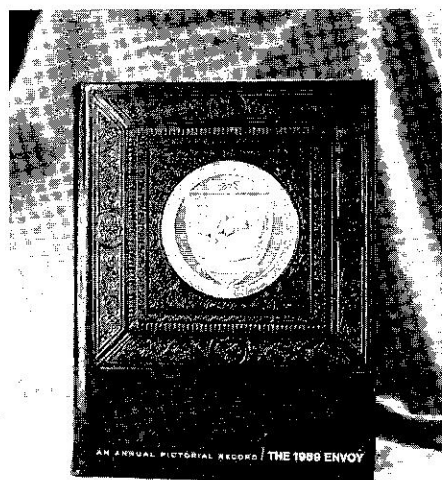


AMBASSADOR COLLEGE • • • PASADENA, CALIFORNIA

VOLUME 19, NUMBER 24

WEEKLY

MARCH 30, 1970



1969 ENVOY

The Envoy

1969 Yearbook Nears Completion

As signatures of Ambassador's 1969 pictorial record rolled off the Press, the final product of many months of effort by the *Envoy* Staff is only four weeks away. This year's 408-page *Envoy* with over 300 color photographs inculcates the lessons learned in eighteen years of yearbook-production experience. It is probably the biggest book of its kind being published in this area.

But in recent years the *Envoy* has become more than just a College yearbook, emphasizing Ambassador College's total, worldwide, educational approach as well as the academic activities of the three campuses.

The theme selected for this year's edition — "Tomorrow's Education Today" — sets the pace for the coverage which this year includes the television, radio, and printing arms of Ambassador College's worldwide educa-

YOUNG SCIENCE DEPARTMENTS PERCOLATE WITH CREATIVITY

Ambassador's relatively young science departments are emerging as burgeoning Think Tanks! The science faculty is frequently published and is increasingly being called upon to lecture at other universities. Mr. Koay Chee Lee and Dr. Douglas Winnail, for example, have lectured at Occidental College on ecology and evolution. Dr. Stig Erlander has been guest speaker at JPL in Pasadena, USC, Cal State at Long Beach, and (with the sponsorship of the American Chemical Society) at Cal Tech.

While Ambassador has avoided the

"publish or perish" syndrome that drives many educators from their classrooms and students — wrongly de-emphasizing the teacher's primary responsibility of teaching — it at the same time recognizes that writing and research projects do have their place!

In the past four years, Dr. Erlander has published no fewer than 60 separate articles in dozen separate scientific journals. Articles have analyzed starch and protein, studied the structure of hydrated ions, and probed the structure of water. A yet-unprinted article challenges the accepted Watson-Crick model for the structure of DNA.

By far the hottest current subject is superwater. Superwater? It's water all right, but weighs half again as much as regular H₂O. What is more, it boils at around 1000° F. and is fifteen times more viscous than normal water (like molasses in January). If science could unlock the key to bulk production, we could lubricate our cars with it! Dr. Erlander analyzes the structure of superwater in the February 3, 1969 edition of *Physical Review Letters*.

Currently on the presses in a world circulating journal to all the multiple bakers is Dr. and Mrs. Erlander's article on why bread stales. The results

(Continued on page 8)

tional program. A short introductory message by Mr. Herbert W. Armstrong helps the reader to better grasp the pictorial presentation of how Ambassadors are "Recapturing the True Values."

Under the direction of the *Envoy's* faculty advisor, Mr. Howard Clark, assisted by Mr. Allen Merager, *Envoy* Staff members toured the three campuses and seven of the Work's foreign offices, capturing on film Ambassador College in action. This year's *Envoy* will help show the total scope of Ambassador College, which extends far beyond its headquarters campus of 40-some acres and 700 students!



Published weekly by Ambassador
College, Pasadena, California

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and YOU

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CIRCULAR FILE



The Last of the

Flaming Cheesecakes

by Tom Rogers

You are all probably familiar with the alarming occurrence that hit our campus recently. I'm, of course, speaking of the general fire drill in the dorms which was sprung on us to test our ability to handle an emergency situation. Everyone in Del Mar where I live sensed that it was only a drill, but had it been a real fire, here's the way it could have happened.

It's prime study time. However, only a few *lonely* studious stragglers who couldn't find an empty bench anywhere on the campus are at their desks. Suddenly, without warning, the penetrating clang of the fire bell vibrates throughout the building. Could it be another drill? The appearance of the first wisps of ominous black smoke answers the question beyond a shadow of a doubt. It's real!

Immediately, as if with one mind,
(Continued on page 6)

Editorial

DOWN — AND OUT?

by Orlin Grabbe

So you've failed. Then throw in your lot with me. So have I. Given enough time, we'll all fail in something or another. The important question is, is it final? Is it fatal?

What is it? You say you flunked your midsemester music exam. You say you don't have a job lined up after graduation. Or your new flame was forcibly extinguished. You haven't done too well in speech this year. You're on probation. Okay. The important question: what are you going to do about it? There's a difference between having failed and being a failure.

We've heard it until it's hackneyed: "If at first you don't succeed, try, try, again." The maxim's so familiar we've formed our revised standard perversions like, "If at first you don't recede, diet, diet, again." Yes, we've heard it too many times. But it's still a truism.

There's always hope for someone who has failed — if he hasn't given up. But there is no way to help a quitter. You can't effectively steer a car when the engine's dead.

Some die under defeat — and never rise again. Others take the punishment, toughen, set their jaw, and redouble the attack. We have to climb over our failures.

Edmund Burke made a statement that is as true for you and me as it was for him. "Never despair. But if you do, work on in despair." You say you've blown it — whatever "it" is? Okay. If we wanted to live without trouble we would have had to have died much younger.

In *The Seven Laws of Success*, Mr. Herbert Armstrong made a statement pertaining to those who *really* ran smack-dab into a brick wall. "...Nine in ten, at least once or twice in a lifetime, come to the place where they appear to be totally defeated! All is lost! — apparently, that is. They give up and quit, when just a little more determined hanging on, just a little more faith and perseverance — just a little more STICK-TO-IT-IVENESS would have turned apparent certain failure into glorious success." Few of us have ever seen it *that* black. But what holds for nine in ten holds for us, at our level, because the stakes are higher.

We have to ask ourselves, what is it that on the blackest night enables some to see the stars, as Emerson said. What is it that lets some replace the negative thoughts of dread, worry, anger, prejudice, jealousy, envy, grudge, stubbornness, impudence, selfishness, cynicism, gloom, hate, despair, and discouragement with love, faith, consideration, respect, kindness, courage, understanding, persistence, fervor, loyalty, joy, power, and strength? Whatever it is, it is the answer to endurance.

The answer can be so simply stated, but so hardly grasped. THE ONLY WAY TO HAVE PERSISTENCE IS TO POSSESS A PURPOSE ALONG WITH A BURNING DESIRE TO ACHIEVE IT! It's rather hard to "hang in" there if there's nothing to "hang in" for, isn't it? No, you have to *know* what you want. For you, your goal has to be very definite, very real.

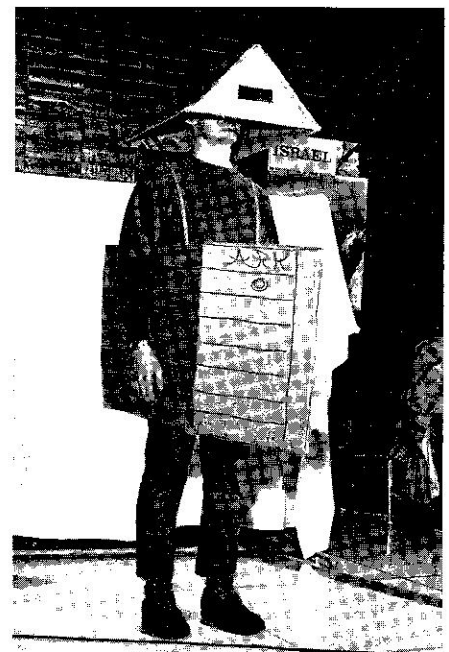
But isn't it true that the glorious truths we learned in class are just as true today as they were yesterday before the bomb exploded? Yes, despite what *we've* done — or not done — the *truth* is still the same. There's still a purpose in life. And when the day of reckoning comes — whenever it comes, in whatever form it comes, however black the day is — I want to be found still hanging in, still doing my duty. As long as I do that, there is still hope. For me. For you.



The Old Testament takes on flesh with Moses...



... Queen Esther ...



...and — Noah's Ark?

Hebrew Club Hosts

A PURIM MASQUERADE

"What's a Purim?"

That's the question of the month after the last Hebrew Club meeting at which time the Old Testament put on flesh. The student center thundered with applause and laughs as an eight-and-a-half-foot Goliath managed somehow to make it under the double doors on his way to a room filled with his ancient comrades.

Cries from "Samson, where are you?" to the sound of Delilah's snapping shears and "Nineveh Repent!" filled the room while in the meantime the members and guests filled their inner man with good traditional Israeli and Purim dishes.

But what's a Purim?

Purim is Hebrew for "lots." It's a secular feast day of the Jewish people which they ordained to be kept on the 14th and 15th of Adar to commemorate the deliverance of the Jewish people from extinction in ancient Persia. As explained in the Book of Esther (9:24-31), lots were used to decide on which day the people were to be killed, hence the name. Fortunately for some of our students, the wicked Haman's plot was foiled by two noble Jews, Mordecai and Queen Esther.

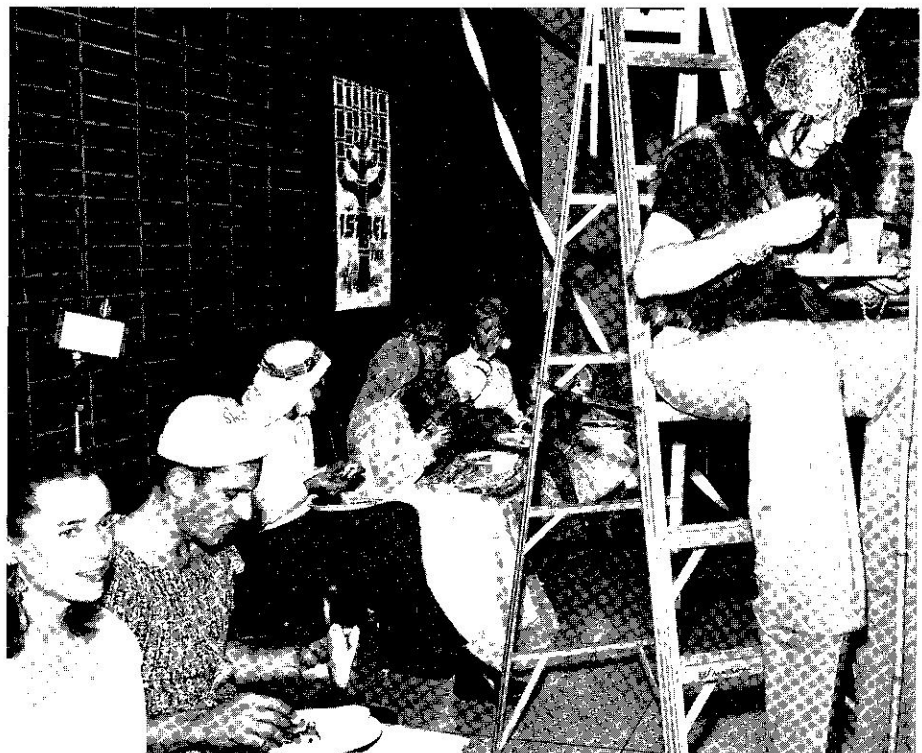
The feast is celebrated with a light service in the synagogue. Such a service consists mainly of just reading the book

of Esther. Afterward, everyone heads for the nearest masquerade party for a gay time of games, song, and general merry-making.

So it was for Hebrew Club, too! After the meal there were games and prizes awarded for the best costumes — Noah's Ark (Tom Fritz) and Queen Esther (Lisa Cosco), and entertainment

ranging from infamous Hebrew ballads of the old West and modern America to skits of the Yiddisher flavor.

That's what a Purim is, but that's not all. Purim is also an especially important day for Ambassador's Hebrew Club, because it commemorates the club's founding meeting last year at this same time. Happy first anniversary!



What's happening in Hebrew Club? Lots.

The Personal Correspondence Department:



Dr. Clint Zimmerman.

In response to the World Tomorrow broadcast and the College-sponsored magazines, a colossal influx of almost 2.3 million letters addressed to Ambassador College flooded the postal department during 1969. While most who wrote requested literature, many took pen in hand to ask help with personal questions and problems.

Most letters can be answered with reprinted literature and booklets. But there are many others which need special attention. As the name of their department implies, the men in the Personal Correspondence Department write answers to those who have personal questions.

Under the direction of Dr. Clint Zimmerman — who is assisted by Mr. Wilbur Berg and Mr. Clarence Huse — nine Ambassador College-trained writers wrote 33,000 such letters



PCD writers (in background) wrote 33,000 letters in 1969.

in 1969. PCD writers also carefully scrutinized and answered with printed literature an additional 21,000 letters.

(The statisticians among us will note that the Mail Reading Department answered by printed literature 97.65% of the letters received last year. The other 2.35% were forwarded to PCD, who sent a personal answer in response to 61% of these — or to 1.43% of the 2,300,000 total who sent letters!)

Letters earmarked for PCD by the Mail Reading Department go first to the "PCD files," which work with computer records. A computer history is kept for each individual with whom PCD corresponds. Here at the PCD files this computer history is printed out for each letter, and then forwarded with



Mr. Wilbur Berg



Mr. Clarence Huse

An Answer to Questions

the latest letter to the FCD offices located on the second floor of the Hall of Administration.

Once a writer has corresponded with someone, that person's letters are subsequently forwarded to that same writer. The remaining first-time letters are divided up. The present writers are these: Mr. William Berndt, Mr. Lawrence Carlson, Mr. Allen Dexter, Mr. Robert Gentet, Mr. Lester Grabbe, Mr. David Hunsberger, Mr. Carroll Miller, and Dr. John Overton.

The writers may dictate their answers on Stenorette tapes or type out a rough draft. The rough drafts and tapes are next sent to the typing section where 15 typists produce the finished copy and return it to be approved by Dr. Zimmerman or his assistants and signed by the writers. The typing and proofreading sections are supervised by Mr. Charles Lavaty, also one of the writers. All but one of the typists are students.

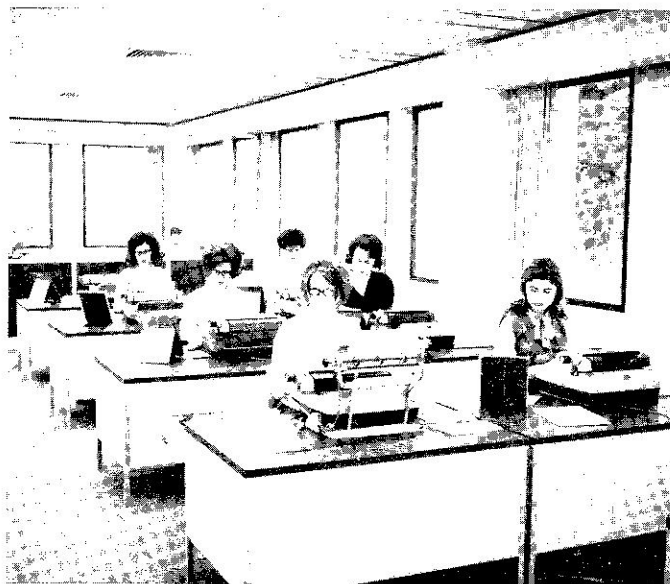
The typists turn out about 800 finished letters each week. Typing is accelerated through a Magnetic Tape Selectric Typewriter (the MT ST) and an automatic typewriter. The automatic typewriter produces prewritten letters which answer the most frequently asked questions.

Once a letter is approved and signed, it is checked by one of five proofreaders for accuracy. When the letters are completely correct, a microfilm record is made of them before they are folded and sent to the Outgoing Mail Department in the Press for mailing.

The entire procedure is constantly being speeded up by the addition of mechanized equipment and by the giant IBM 360 computer, enabling the Personal Correspondence Department to more effectively do its part in the Ambassador Adult-in-the-home Education Program.



Proofreaders check for typing accuracy.



Fifteen typists produce the finished copy.

It's All in the Game

by Scott Crawford

What has 46 feet, roars loudly, and has motto that says: "The Frontrunners!"?

Yep, that's right, you guessed it — Tuesday "A," Dennis Adams' enthusiastic Ambassador Club!

Last semester Tuesday "A" had the opportunity to have Mr. Portune as our club director. Tuesday "A" had an arm-wrestling match with "C." Tuesday "C" won that encounter.

To rectify the situation Mr. Portune gave us a couple of hints on winning strategy. The most important of these being: Don't challenge anyone to anything you don't already know you can win.

Considering that four near-professional water polo players are in our club and that we have four equally proficient basketballers, it was determined that we should capitalize on our able resources, so we challenged Tuesday "C" to a rematch.

The water polo game was quickly settled with a final score of something like 25 to 4, our favor.

Meanwhile, our rivals to the Lakers — the Frontrunners — were taking on the basketball team floored by Tuesday "C." Being predestined, by our choice, to win was not all we had going for us. Al Foy just wasn't missing, Mitch Knapp was on fire, and our Sophomore stars — Nick Roettig and Steve Gereaux — weren't doing too badly for themselves.

But our biggest weapon was the timer. How?

Our man was running it. Since our men were so hot, since they were running over "C" so well, getting very close to 100 points, the timer became the crucial instrument. At 1:09 to go we had scored 92 points. John Albers' strategy as timer was evident — we were going to score 100 points before the game was over — and we did — 100 to 56.

We had proved out Mr. Portune's advice. So, learn the lesson the Frontrunners proved that night — never challenge anyone to something you can't do!

P.E. 1970: CAN WE SURVIVE?

by Tom Rogers

There has been much and varied speculation as to what are the most horrible words in the English language. The prize for horrification for the A.C. student, however, beyond a shadow of a doubt goes to: "Today we're going to run the 12-minute test."

The 12-minute test. These four words cause more mouths to drop open in stunned alarm, more eyes to bulge in reflexive terror, more knees to buckle in anticipatory fright than any other words at Ambassador College. On the surface the test sounds pretty and innocuous — to see how far you can run in 12 minutes and thus determine the condition of the all-important cardio-vascular system. But once on the track, the fiendish spectre of the test begins to come into view as you experience 12 grueling minutes of burning lungs, aching calves, parched throats, splint shins, and punctured vanity.

And, even when the 12-minute whistle blows and you can stop running,

the pain is not over yet. Sure, you can recover physically in anywhere from 15 minutes to a day or so depending upon your general condition. But, it's the psychological pain that lingers on — having your score put up on the giant chart in the gym for everyone to look at. Day in and day out that "poor" on the chart by your name remains a continual rub for tender vanity.

And consider another grim psychological twist of the test: No matter how hard you push yourself, *you can never finish any sooner.*

But, as the hand of the stopwatch sweeps around and around, and as you go huffing and puffing around the track with your legs aching and your lungs on fire, try to look on the bright side even though there is temptation to slip into an unhealthy attitude. Enjoy the 12-minute test while you can, for, with all our advancing technology, you never can tell — the new, improved 16-minute test may be just around the corner.

Flaming Cheesecakes

(Continued from page 2)

the alert skeleton study crew swings into action on Operation Rescue. The object: To salvage the Elephant Room refrigerator containing a dozen yummy cheesecakes. Asbestos ropes are quickly secured to the precious white vault. Agonizingly, the men stretch and strain as they inch the weighty fridge with its delectable contents up the stairs. As precious minutes go by, smoke and savage heat fill the staircase. The men heave all the more feverishly, their muscles bulging and sweat streaming down their blackened faces while they struggle to hold back the coughs and the tears. In a final spurt of adrenalin-inspired musclepower, the refrigerator is practically catapulted from the staircase and hustled down the short corridor and out the door. Safe at last! Once on the outside, the men find the fire brigade in the process of saving the dorm with hardly any damage.

However, everyone is naturally curious about the condition of the contents of the refrigerator. The door is opened and there they are in their succulent splendor: A dozen cheesecakes — all melted. The smiles of success turn into the grimaces of disappointment.

And to think they laughed when I told them to take out fire insurance on those cheesecakes!

The person who can withstand the high pressure salesman illustrates the power of mind over matter.

The war between the sexes can never be brought to a successful conclusion because there's too much fraternising with the enemy.

Notice in a London furrier's: "A small deposit secures any fur until your husband gives in."

College student to date studying menu at the London Steakhouse "Filet mignon? 'It's pickled goat liver.' Why?"

When trouble goes to sleep, don't set the alarm clock.

There is no more terrible sight than ignorance in action.

13 Ways to Gain Gooder Grammer

John Dixon, executive sports editor of the Long Beach Independent Press-Telegram, provides succinct grammatical instructions to his staff. Whimsical they may be and effective they are. For instance, and John says he's not the originator:

- 1 — Don't use no double negatives.
- 2 — Make each pronoun agree with their antecedent.
- 3 — Join clauses good, like a conjunction should.
- 4 — About those sentence fragments.
- 5 — When dangling, watch your participles.
- 6 — Verbs has to agree with their subjects.
- 7 — Just between you and I, case is important, too.
- 8 — Don't write run-on sentences they are hard to read.
- 9 — Don't use commas, which aren't necessary.
- 10 — Try not to ever split infinitives.
- 11 — Its important to use your apostrophe's correctly.
- 12 — Proofread your writing to see if you any words out.
- 13 — Coorect speling is esential.

Cultural Events Around Pasadena

Gamble House Will Hold Spring Open House

USC wants you.

That's right. The University of Southern California wants Ambassador College students (and other segments of the general public) to attend the "Annual Spring Open House" of Gamble House on Sunday, April 12, between 1 and 4 p.m.

Gamble is located about 1/2 mile from campus — 1/4 mile north of Colorado Blvd. parallel to Orange Grove Blvd., between Arroyo Terrace and Rosemont, at 4 Westmoreland Place.

The annual spring event, nicknamed "Tea and Tour," is one of the only two open-house-type programs scheduled during the year. A charge of \$1 is made to cover the cost of tea and other refreshments prepared in the kitchen of the historic building.

Gamble House, named after David B. Gamble, one of the partners in the Proctor and Gamble Co., is the most complete and best restored example of the work of the internationally famous Pasadena architectural firm of Greene and Greene.

The building was constructed in 1908 during the most productive period of the architects. According to the curator of the house, Randell Makinson, the Greene brothers designed the home after visiting southern California following their graduation from M.I.T.

They were so appalled at the lack of creativity in architecture in southern California that they broke from stale tradition to design a building that embodies the highest level of the California bungalow style and is one of the finest examples of the American Craftsmen movement.

The building and grounds are jointly maintained by the City of Pasadena and the University of Southern California.

April 1

Performance Class Recital, Recital Hall, 7 p.m.

Play, "Idiot's Delight" Starring Jack Lemmon and Rosemary Harris. Ahmanson Theatre, thru April 25th. 626-7211.

Musical, "Mame" Starring Ann Miller. Based on the novel *Auntie Mame*. Hunting-

ton Hartford Theatre, thru April 25th. 462-6666.

"Fiddler on the Roof" Starring Harry Goz. Lindy Opera House, thru April 12. 937-3500.

April 2

Los Angeles Philharmonic Orchestra, Zubin Mehta, Conductor. Stravinsky: Petrouchka (Complete Ballet). Rachmaninoff: Piano Concerto No. 3. Pavilion, 8:30 p.m. Student discount.

April 3

Los Angeles Philharmonic Orchestra, Zubin Mehta, Conductor. Stravinsky: Petrouchka (Complete Ballet). Rachmaninoff: Piano Concerto No. 3. Pavilion, 1:30 p.m. Student discount.

April 4

Ciro and his Ballet Flamenco. Beckman Auditorium, Caltech, 8:30 p.m. \$2.00-\$5.00

April 5

Travelogue: "Bravo Portugal" Lisa Chickerling and Jean Porterfield, Narrators. Ahmanson Theatre, 2:30 and 7:30 p.m. \$3.00-\$3.50

April 7

Lecture, "Black and White Conflict in Africa" Dr. Edwin S. Munger, Professor of Geography at Caltech, Lecturer. Sexson Auditorium, PCC, 8 p.m. For tickets see Larry Dalton.

April 8

Los Angeles Philharmonic Orchestra, Zubin Mehta, Conductor. Stravinsky: Petrouchka (Complete Ballet). Rachmaninoff: Piano Concerto No. 3. Pasadena Civic Auditorium, 8:30 p.m. Student discount.

April 9

Crystal and Fox "An American premier tracing the comic and precarious travels through the Irish countryside of Crystal and Fox, an itinerant husband and wife team and their tacky vaudeville show." Mark Taper Forum. April 9 through May 24.

April 12

Imperial Choraliers and Boys' Chorus. Ambassador College Gymnasium, 7:30 p.m.

April 13

Chamber Music. Louise Di Tullio, Flute, Israel Baker, Violin. Mark Taper Forum, 8:30 p.m. 874-2041

April 14

Film, "Retracing Darwin's Voyage" Geza de Rosner, Narrator. Sailing in a sixty-four-foot yacht, Mr. de Rosner retraces the voyage of the *Beagle* from Tierra del Fuego to Tahiti. Sexson Auditorium, PCC, 8 p.m. For tickets see Larry Dalton.

Chamber Music. (Same as April 13) Thorne Hall, Occidental College, 8:30 p.m. 874-2041

Travelogue Series: "Arizona" Stan Midgley, Narrator. Pasadena Civic Auditorium, 8:20 p.m. Fifty cents.

Performance Class Recital, Ambassador College Recital Hall, 7 p.m.

April 16

Los Angeles Philharmonic Orchestra, Zubin Mehta, Conductor. Berlioz: "Beatrice and Benedick" (Dramatized concert version). Vanessa Redgrave, in the spoken role of Beatrice; Yvonne Minton, Mezzo-

soprano; Stuart Burrows, Tenor; Los Angeles Master Chorale. Dorothy Chandler Pavilion, 8:30 p.m. Student discount.

April 19

Los Angeles Philharmonic Orchestra, Los Angeles Master Chorale (Same as April 16)

Coleman Chamber Concerts. Amadeus Quartet. Mozart: Quartet, D Major, K. 499. Schubert: Quartetsatz, C Minor. Beethoven: Quartet, E Flat, Op. 127.

Coleman Auditorium, Caltech, Pasadena.

April 21

Bennett Cerf, "Authors I Have Known." Sexson Auditorium, PCC, 8 p.m. For tickets see Larry Dalton.

April 22

Organ Concert. Lloyd Holzgraf, Organist. First Congregational Church, Los Angeles. 8:30 p.m. 874-2041

April 23

Los Angeles Philharmonic Orchestra, Zubin Mehta, Conductor. Beethoven: Missa Solemnis. Dorothy Chandler Pavilion, 8:30 p.m. Student discount.

April 24

Los Angeles Philharmonic Orchestra and Los Angeles Master Chorale, Zubin Mehta, Conductor. Beethoven: Missa Solemnis. Dorothy Chandler Pavilion, 1:30 p.m. Student discount.

April 26

Coleman Chamber Concerts. Audition Finals. Concert by the audition finalists competing for the Vera Barstow, Coleman and Nadia de Kibort Awards. Beckman Auditorium, Caltech.

"China" A feature-length, full color, motion picture documentary produced and narrated in person by the world famous Danish traveler and author, Jens Bjerre. Ahmanson Theatre, 2:30 and 7:30 p.m. \$3.00-\$3.50.

April 27

Harpischord Recital. Malcolm Hamilton, Mark Taper Forum, 8:30 p.m. 874-2041

April 28

Film, "Russia vs. China" Raphael Green, Narrator. "Mr. Green has crisscrossed the Soviet Union several times, was the first American to enter Outer Mongolia, and served on the White House staff which prepared a reparations survey in North Korea and Manchuria. Sexson Auditorium, PCC, 8 p.m. For tickets see Larry Dalton.

"Zorba" An excitingly handsome light opera, a distinguished score and a fine cast complement a fascinating story. Dorothy Chandler Pavilion, 620-9220.

April 29

Los Angeles Philharmonic Orchestra, Zubin Mehta, Conductor. Berlioz: Overture, "Beatrice and Benedick." Ravel: Suite: Ma mère l'oye. Beethoven: Symphony No. 7. Pasadena Civic Auditorium, 8:30 p.m. Student discount.

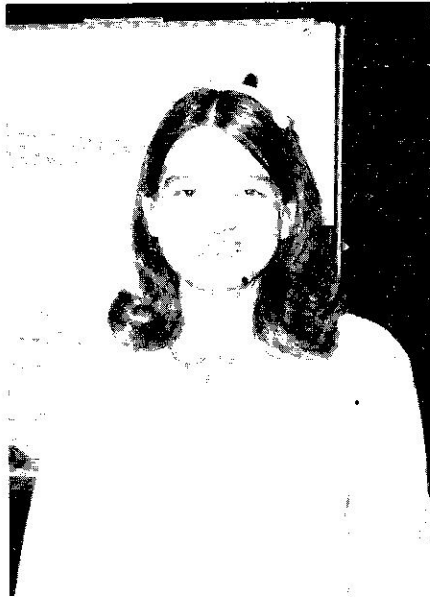
Harpischord Recital. Malcolm Hamilton, Thorne Hall, Occidental College, 8:30 p.m. 874-2041

April 30

World Travelogue Series: "Czechoslovakia and the Ukraine" by Clay Francisco, Narrator. Pasadena Civic Auditorium, 8:20 p.m. Fifty cents.

Joanna de Keyser and Marilyn Neeley, Cello-Piano Duo. Sexson Auditorium, PCC, 8:15 p.m. \$2.

WHO SAYS MEN DON'T LISTEN WHEN A WOMAN TALKS?



May I be your escort?

That's right, girls, it just depends upon what you're talking about. If it's the Sadie Hawkins-style Freshman dance, he might. So, girls, get your date now and be there this April 11 at 8:00 p.m. in the gymnasium. Remember—only YOU can prevent a stag line!

Young Science Departments

(Continued from page 1)

of this project which Dr. Erlander undertook with his wife will be highly informative for all those in the baking industry, as staling bread is their biggest problem!

The Biology Department has also been busy. Dr. Winnail has been concentrating on developing a major-minor program in biology, but he has also found time to lecture on evolution to an anthropology class at Occidental. Mr. Lee has prepared a possible correspondence course series on ecology, and Dr. Winnail plans one in anatomy.

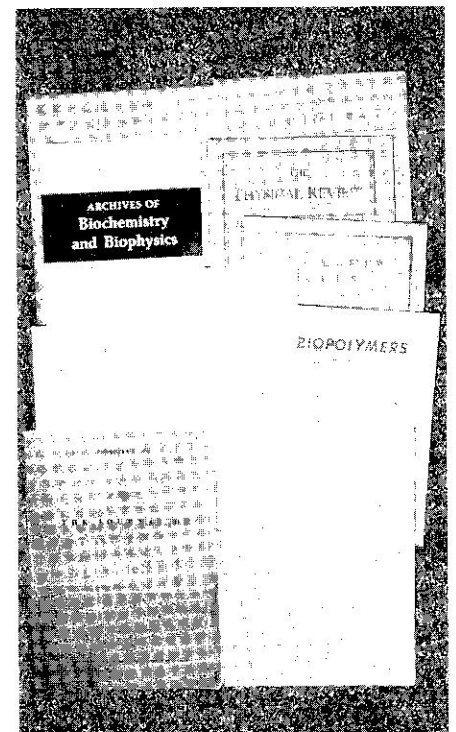
In conjunction with Gardening Maintenance, the Biology Department has been conducting research on the bacteria culture-soil enrichment program. This project is relevant to the plague of tree-killing fungus upon the avocado orchards of Southern California. Initial results at the experimental orchard

indicate that the soil enrichment strengthens the tree enough to resist the fungus.

The Mathematics Department has also been making its contribution. Dr. Stenger is currently publishing four articles, and is nearing the completion of a mathematics textbook. Before joining the staff of Ambassador College, he delivered guest lectures at the USAF Academy, the University of Virginia, and Stevens Institute of Technology.

The various articles have brought recent calls from Cornell University, the University of Washington, the Bell Telephone Company, and a nuclear physicist who wants to join the research and writing staff!

Publishing and outside lecturing are important activities of any faculty, and the science personnel continue to do



their part in creatively reaching beyond the classroom.