

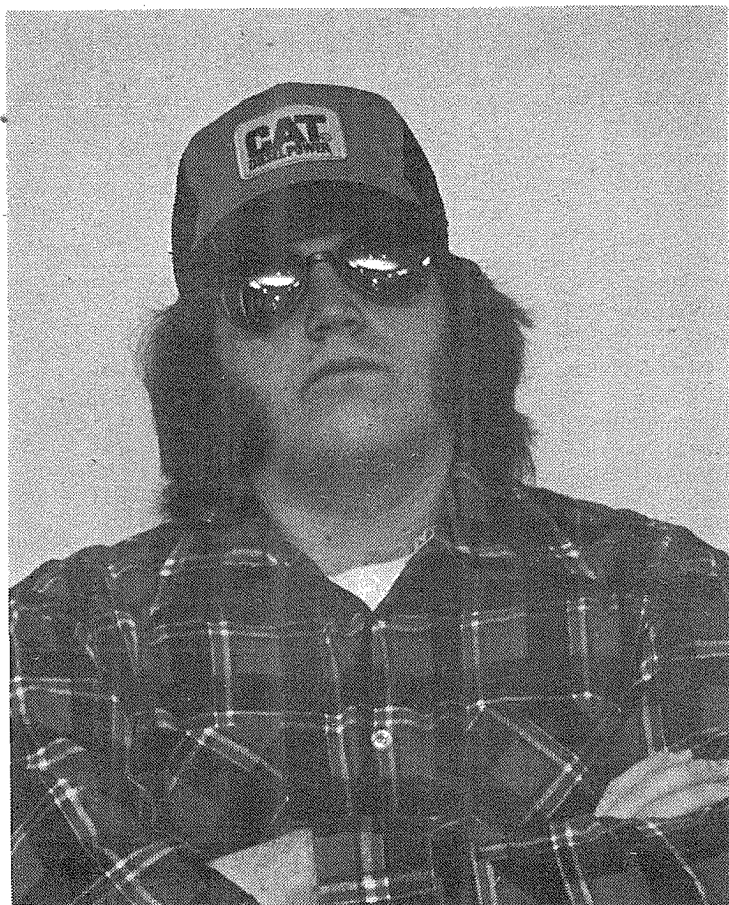
Ambassador, Computer Artist Visit Tech

by Ken L. Campos

Next week the Caltech Y will be sponsoring evening programs on both the African political situation and computer generated art. The first program is a panel discussion with British Ambassador to the UN Ivor Richard, Dr. D. Chaniawa, a history professor from UC Northridge, Dr. Ned Munger, a Caltech professor of Geography and Africa expert, and Dr. Jane Sano, a visiting research fellow at Caltech. This discussion will be held in Ramo Auditorium on Monday, February 13, at 8:00 pm. On the evening of Thursday, February 16, in Bennett Student Center at 8:00 pm., Caltech's John R. Pierce, professor of Engineering, will give a multimedia presentation on computer generated art and music.

The son of a coal mining engineer, Ivor Richard, a Queen's Counselor, was born in South Wales, where he became a Labor supporter, as he puts it, "almost the time I had learned to talk." He won a scholarship to Meltonham, a leading private school, then went on to Oxford. He was elected to Parliament in 1964. When he lost his seat in 1974, Harold Wilson dispatched him to the UN, where his quick wit, enormous stamina, and warmth of personality immediately made their mark. Says one former aid: "His method, which befits the good crister he is, is to persuade rather than dictate." Adds a senior Foreign Service Office diplomat: "Had he become a member of the diplomatic service instead of a lawyer and politician he would have risen to the top of the Foreign Office." Mr. Richard was appointed to the Permanent Representative to the United Kingdom at the United Nations in March, 1974. Mr. Richard is a Barrister-at-Law and was a Labor MP for Barons Court, London, from 1964 to 1974. In his UN service, Mr. Richard was Chairman of the Rhodesia Conference in 1976-1977.

Later next week, on Thursday night, Dr. John R. Pierce will give a talk about computer generated art and music, using



Our new ASCIT President, Gentle Ray Beausoleil gives his views on Coors beer.
Photo—ed Bielecki

slides and tapes. Dr. Pierce spent his early career at Caltech, where he received a BS, MS, and PhD in electrical engineering. He has also received nine other doctorates at universities ranging from Yale to the University of Bologna in Italy. Dr. Pierce is currently a professor of engineering here at Caltech.

In 1965 through 1971, as Executive Director of Research in the Communications Sciences division of Bell Laboratories, Dr. Pierce was in charge of work on mathematics and statistics, speech and hearing, behavioral science, electronics, radio and guided waves. His chief work was in electron devices, especially traveling-wave tubes, microwaves, and various aspects of communication.

He proposed unmanned passive and active communications satellites in 1954. The Echo I satellite embodied his ideas; he was instrumental in initiating the Echo program and the East Coast ground station was constructed in his department. Telstar resulted from satellite work he

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New BOC Reps Chosen

The two BOC Reps at large for 1978 have been selected. They are Tracy Lynn Larrabee (Sr) and David Elliot Carlan (Soph). Larrabee is in Ricketts House and Carlan is in Dabney House.

They were selected on the basis of interview last Wednesday evening. They were interviewed on what they would do in certain situations if they were BOC rep. The situations included such things as what would they do if they caught someone violating the honor system, and he threatened to commit suicide if you turned him in.

They were chosen by the old Board of Control from among twenty-eight applicants.

You Knew It All Along

Are you the kind of student who trolls hard before going to bed, or the kind who goes to bed, sets the alarm for five or six o'clock and then crams? If you're a pre-sleep studier, *Glamour* Magazine (of all places) reports you may be getting better grades as a result of your study habits than someone who does the work afterward.

Recent research into sleep and study habits shows that sleep prior to study disrupts memory significantly, unless considerable waking time is allowed before digging into the material you want to learn. The shorter the

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Your Leader Speaks

By Michael Kurilla

In the most recent ASCIT elections merely two weeks ago, the man from Arizona who told his mother before the election that he had won, emerged as the new ASCIT president. Quickly checking the little t it's easy to see that Ray Beausoleil or Gentle Ray as he likes to be called, is a sophomore in Lloyd. However, that says very little. To find out what the man is really like, Gregg Brown and myself sat down with Gentle Ray and talked about what he plans to do as president.

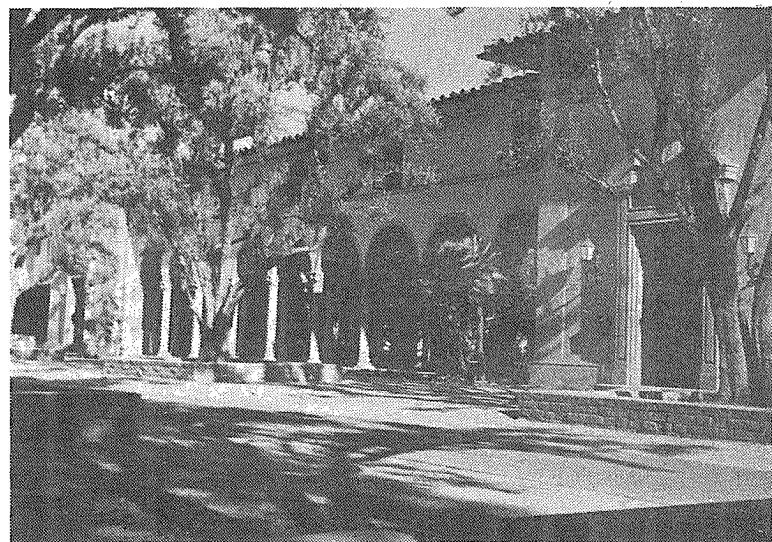
We decided to get to business and learn something about the man. Our first question concerned his brand of beer. Ray prefers dark to light. His favorite light beer is Michelob and his favorite dark beer is Lowenbrau. He also said, "the absolute shit beer of the world is Coors."

Moving right along Gregg asked him how the transition was going. Ray replied that Bert was cooperating very well and that he expected the whole thing to take about a month. One area Ray is beginning to work already is the student committees. "Do you know there is such a thing as the ASCIT ExComm?", Ray asked

us. We had to agree that we had heard of it but never knew if it did anything. "That's because it didn't," Ray explained to us just exactly what the ExComm is. "Theoretically it is supposed to examine long and short term planning for the ASCIT". In addition it has recently had its powers extended to creating and amending resolutions to the by-laws. Ray would also like to see their control to extend to evaluating students on faculty committees. Ideally the ExComm would consist of 2 or 3 at-large members and one person from each house, with Ray also present. However Ray made it clear that a non-BOD member would preside and run the meetings. It is Ray's hope that this body could look ahead and foresee problems and enter into areas that need investigation.

One area that Ray feels the ExComm could look into is the possibility of creating a leave of absence center. At present the information in this area is sketchy and diffuse. Ray would like to collect information from several sources and put it all in one place for easy access. Things that are as easy as application

continued on page eight



The Olive Walk, object of continuing controversy.

Olive Walk Thoughts

Last week, I wrote an article about the administration's proposed solution to the Olive Walk Problem. This column is a reaction to the proposals, having had a chance to sit back and look at them.

As to the need for these changes in the current situation, the administration is very quick to point out that the students are not the reason for the changes, and that the "fault" lies mostly with vendors who were driving over the newly installed grass.

So rather than deal with the immediate problem, the idea was hit upon to close down the Walk to everyone. The effect on the students is, therefore, only a side effect of the solution to a larger problem, that of a few vendors.

There is, however, a still more

interesting item. When the IHC, a few years back, attempted to create some new rules about the Olive Walk, an immediate cry of "FOUL" was raised by the administration. They pointed out

that the rules in question had to be set by an Institute Committee and could not be unilaterally changed. The administration has unilaterally decided on these changes, and yet there is no talk about circumventing the Parking Committee. Perhaps this is due to the fact that the IHC's attempted changes would have given the students more benefits, while the present changes merely take away some benefits from the students. In any event, one standard should be decided on and held to.

—ed Bielecki

Watson Lecture

Glittering Gems

Technologically sophisticated methods used to alter the color of gemstones will be described by George R. Rossman in an earnest C. Watson Caltech lecture on Wednesday, February 15. Rossman, an associate professor of mineralogy at Caltech, will speak at 8 pm in Beckman Auditorium on "Glitter: Gems or Gyps?" The lecture is open to the public. A mineral's color determines whether it is a valuable gem or a worthless stone, Rossman will explain. As the demand for gems

rises and the natural supply diminishes, man is developing the technology to duplicate and even improve on nature's creations.

Economic dangers may exist for purchasers of some gems whose color has been technologically altered, but other artificially enhanced stones are as attractive and durable as those that occur naturally. Rossman will tell the audience. He will describe the stones whose colors can be successfully improved, and methods for enhancing them, as well as potential buyer pitfalls.

Humanities Need Improvement

For many years, Caltech has touted the 'adequacy' of its humanities and social sciences program to prospective freshmen. Sad to say, when freshmen finally arrive here, they quickly find out the truth. The pages of history and literature courses listed in the catalog dribble down to less than thirty actually given (including tutorials and independent work courses). Almost no political science courses are given. And the classes are far from the quality they should be. Many professors are lacadaisical about their classes. They come poorly prepared, spending their time working on their research to the neglect of their teaching duties.

Admittedly, part of the problem is the lack of interest shown by students in their humanities and social science classes. But, I feel that if the humanities and social sciences were upgraded to anywhere near the level of the sciences here, much more student interest would be apparent. Many students now look on humanities as a required, but quick nine units per term, requiring little more than attendance and a day or two for a term paper at the end of the term.

Because of this, faculty morale is low. Faculty have been conditioned not to expect much from students, and because of this give minimal assignments and high grades. This attitude can be seen by comparing newer professors with ones that have been around for a while. The newer ones often require much more work from their students. After they have been here for a while, their standards drop. They often find satisfaction by concentrating on their research, which is in general excellent, at the expense of their classes.

What is needed is a revamping of the entire humanities and social science department. Finding a first-rate department head would be a good first step. When a suitable person is found he should be offered a large (several million dollars) discretionary fund to improve our program. Use of this fund would be a large inducement to come here, something that is sorely needed in attracting a top notch leader.

With the money, he could expand the department, bringing in new professors with new ideas. With a large enough influx, faculty morale problems would be dissipated. Also, the influx of money would show that the humanities and social science department is a full fledged department, not something to distract students from science for a while.

In line with this increase in size, the institute social sciences and humanities requirements should be increased to 135 or 162 units (five or six years). This would lead to an increase in the number of courses that could be offered each term. Also, since it may be hard to fit eighteen units of humanities or social science in a given term, several three and six unit classes should be offered. These could include things like music (glee club and orchestra), studio art, etc.

Although these suggestions would not completely eliminate the problem, they would go a long ways toward it. True, they would cost a lot of money, but Caltech is desperately in need of a better humanities and social science program. Even so, it would barely make a dent in Caltech's endowment, in the unlikely event that funding could not be secured from elsewhere.

Spencer Klein

Wwhhoops

To the Editor:

Two lines in my letter of last week were misplaced. The next-to-the-last paragraph should have read in full as follows:

I'm not talking about role models or about individual relationships. I'm talking about a social code, about myself as a member of a social group. I'm talking about a process of adjustment from one obsolete social code to a poorly of unspecified other. While I have the ostensible liberty, within very reasonable limits, of defining my

own social code, i.e., of choosing my own role within the social milieu, this liberty loses its import because my basic needs for substantive and meaningful social contact aren't being and won't be met in this manner. Even after having forsaken the repressive and degrading social structure I grew up with, I find myself at a loss to satisfy the social needs thus liberated in a non-self-destructive and non-escapist manner.

Thank you for the correction.

Judy Powelson

Jacuzzi, Anyone?

To the Editor:

If students are moving off campus in droves, I can suggest a cure. Most people are attracted by luxuries. If some of the funds scheduled for student dorm improvement were diverted to building something nice, I'm sure it would solve a lot of problems. For example, an indoor handball-racquetball court for the exclusive use of students and their guests could be built. And perhaps a jacuzzi and a hot tub or two could be installed. And maybe a pool for the undergraduates to throw parties around. I think that two problems will be solved by creating luxuries: the undergrads would stop bitching about how crummy life is at Caltech, and it would definitely improve the quality of life in the houses. I feel so sorry for the undergrads here, there should be some compensation for the hardships their psyches must endure. If there were a few hot tubs or jacuzzis for the students, I'm sure we'd see a lot more contented smiles around here.

Moses Ma

Whorehouse?

To the Editor:

I would like to say something not too sensible about the women's housing situation.

I think that the idea to segregate the Caltech women in separate housing should be considered from the standpoint of the Caltech men, as well as from that of the women. There are those who claim that Caltech should have as many women students as men, or else none. The latter is clearly a more realistic possibility, but that would really screw the intelligent and qualified Caltech aspirants who happen to be women out of a first-rate education.

But making all women live in the same house, or at least away from the men, could be a workable compromise. It would give the girls here a chance to have girlfriends as well as boyfriends. It might give them a few extra weeks for social adjustment before the incredible amount of attention they got went to their heads. They still wouldn't be able to get all that much time to themselves, though, because there would probably be lots of studs buzzing around their rooms most of the time.

But best of all, it would keep the young goddesses away from those of us who are inclined to be jealous of their lovers, those of us who are emotionally frustrated, those of us who are afraid of women, and those of us who have a hard enough time coping with life and Caltech in general.

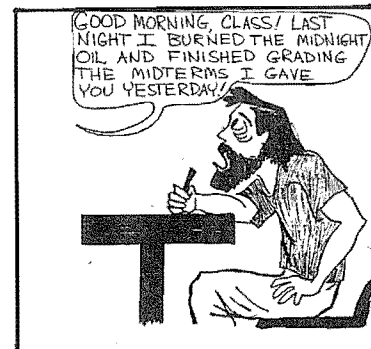
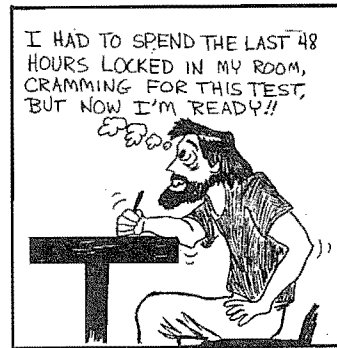
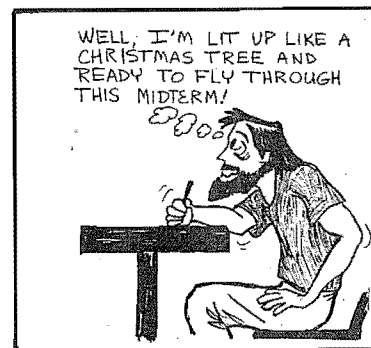
Caltech could use a whorehouse anyway.

I don't claim to speak for the majority here, and I surely am too cowardly to sign my name.

A Senior

[not all women would be required to live in separate housing—ed.]

Thuncan by P.M.



More TQFR

To the Editor:

Mr. Rubenstein should be informed that defining the standard deviation as: $\sigma = \sqrt{\sum(x-m)^2/N}$ is a statistically valid statement, but that (N-1) weighting is generally used. The TQFR program writer was not wrong, just out of style. (Refer to Young, Hugh D. *Statistical Treatment of Experimental Data*, McGraw-Hill, 1962, p. 15.)

A Standard Deviant

Our apologies to Mr. Rubenstein and any readers who may have been confused by the letter in last week's Tech. The formula actually used in the TQFR was slightly mangled

during layout (though it should still have been recognizable) and should have read:

$$\sigma = \sqrt{\sum(x-m)^2/\sqrt{N}}$$

and not:

$$\sigma = \sqrt{\sum(x-m)^2/\sqrt{N}}$$

As you can see, Mr. Rubenstein's criticism was well founded, as the careful reader would have realized after noting variance of more than seven on seven-point scale. Also Young's treatment of statistics is so incomplete (and sometimes inaccurate) as evidenced by your claim that the use of (N-1) instead of N is a matter of style (it is, in fact, a question of whether you're dealing with a population or a sample that you would be well-advised to use a reputable text as a reference in the future.

A Typo

HSSHead Needed

Caltech remains without a chairman of the Division of Humanities and Social Sciences. The advisory committee for selecting a new chairman, which will make a recommendation to Dr. Christy, has not selected a suitable candidate. However, there is reason for optimism, because there are several lists of promising candidates.

A member of the committee told me that a new chairman should have administrative ability, scholarship, and a broad range of interests in both humanities as well as social sciences.

Because the chairman would be a full professor, he or she must have the appropriate scholarly stature.

The division is reluctant to promote one of their own to chairman. One of the reasons for this is that if the division can find a strong candidate, they may have some leverage. The candidate may say that he or she is willing to accept the job only if the institute grants certain concessions to the division. The administration is more likely to make such concessions for a

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All the News That Fits

Bert Wells Harps

Bert Wells, ex ASCIT president will be giving a harp recital this Sunday, Feb 19 at 8pm in Dabney Lounge. His recital is part of a weekly series of Dabney Lounge Chamber Concerts.

Another Chamber

A free chamber music concert will be presented by Diane Chassman, flutist, Delores Bing, cellist, and Victoria Bragin, pianist, at the Brand Library Auditorium, 1601 West Mountain Street, Glendale, on Sunday, February 19 at 8:00 pm. On the program are Rameau's Troisième Piece de Clavecin en Concert, Dutilleux's Sonatine for flute and piano, Villa-Lobos' Assobio a Jato (The Jet Whistle) for flute and cello, Beethoven's Sonata in F, Op. 5, No.1 for cello and piano, and Rorem's Trio for flute, cello, and piano.

All Schroeders Take Note!

This Sunday, February 12, at 8:00 pm the Dabney Lounge Chamber Music Concert will be an all-Beethoven program performed by Kathryn Ando on Piano and Fred Seykora on cello.

Work for Money

Interested in a summer internship? The Financial Aid Office has a Directory of Undergraduate Internship Programs. Internships are available in the sciences, social development and welfare, journalism, governmental services, and arts and humanities. Internships are available across the country. If you're interested, come on in and borrow this publication.

A Winters Tale

The Caltech Y is sponsoring a trip to see *A Winter's Tale* by Shakespeare at the Globe Theater in L. A. on Thursday, February 16. All interested persons should sign up in the Y office by today, Feb. 10. The cost is \$1.50, including transportation.

Update Yourself

Next Wednesday, Feb. 15 at 12 noon, Drs. Barry Barish and Frank Sciulli will give an UPDATE noon discussion presentation on "Physics Research With Neutrinos." The Caltech Y is sponsoring this event and encourages you as always to *bring your lunch*, and rap with two real live professors. They will have lots of neat slides from the Fermi Lab.

Money Revisited

Financial Aid Applications for the 1978-79 academic year are now available in the Caltech Financial Aid Office, room 208 Dabney. The deadline for receipt of this material in the Financial Aid Office is April 17, 1978. If you have any questions, please feel free to see Ursula Hyman-Kelly or Sandra Boyd in the Financial Aid Office.

Big Name Invites!

General Motors Corporation and the Caltech Placement Office invite all undergraduate students to an informal "Get-Together" on Sunday, February 12, 1978. Food and beverages will be served. It will be held in the Athenaeum from 5:00 pm to 8:00 pm.

Engagements

The Pope of the Church of Blacker House has announced her scheme to wed in wholly matrimony Rolaine Chandler and Dale Johnson. This and other devilishness is to be conducted this week by Heaven's Rev. John "The Baptist" Nye. The Church kindly advises those wishing to attend the wedding to go to hell. Further details will be available next week.

COMING ATTRACTIONS ?

You got movies you wanna see? Write down your suggestions and send them to "Ascit Movie," 158. Maybe we'll listen.

Battleships

There will not be any other type in the completely hypothetical scenario planned for Saturday, February 11, at 4:45pm. So, if you want to captain battleships (and not damn torpedoes) steam full speed ahead into Dabney Lounge. Even if you have not yet begun to fight, you are welcome.

Minority Job Conference

Southern Region VI of the National Society of Black Engineers (NSBE) is holding a conference for high school and college level minority engineering and science students. It is expected that approximately 75 business representatives will be interviewing college students for future employment. The conference and job fair will be held on Saturday, February 25, 1978 at Olin Hall of Engineering located at the University of Southern California, beginning at 10 am. Resumes are required by February 15 and information may be obtained by calling area code (213) 741-2474.

Big Name Interviews!

The following companies will be on campus to recruit all degree candidates during the week of 13 February-17 February:

13 Feb.—Standard Oil Co., General Motors Corp., General Motors Tech Center;

14 Feb.—Hewlett Packard, General Motors Tech Center;

15 Feb.—BNR, Westinghouse Electric Corp., System Development Corp.;

16 Feb.—American Hospital Supply Corp., Ampex;

17 Feb.—C.F. Braun, Tektronix.

You may sign-up for an on-campus interview in the Placement Office, Room 8, Dabney Hall.

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Fiorello

Fiorello, Caltech's annual musical is coming! Among its cast are notables such as Nobel prizewinner Richard Feynman, Acting President Robert Christy, Leakey Foundation President Ned Munger, chemist Harry Gray, and Institute Vice President David Morrisroe. About half the cast are students, including ex *Big T* editor Stan Cohn, and ASCIT Director at Large Dan Ohlsen.

Korean born Young-il Choo, a senior math major, plays the lead, "Italian, Jewish, Episcopalian" Fiorello La Guardia, mayor of New York. Susan Eriksen, part time staffer, plays Marie, Fiorello's secretary and second wife. Jeanine Wuts, chemistry department secretary plays Fiorello's first wife.

Fiorello concerns itself with Fiorello's rise to power, covering the years from 1914 to 1933.

Fiorello will have four performances; Friday, Feb 24 at 8pm, Saturday, Feb 25 at 2pm and 8pm, and Sunday, Feb 26 at 7pm. Tickets are \$3.50 general admission, \$3.00 Caltech faculty and staff, and \$2.00 for Caltech students (both graduate and undergraduate). Tickets for the Saturday evening performance are almost all sold out, so get your tickets today. They are available at the Caltech ticket office and all Mutual and Ticketron agencies.

Photos by
ed Bielecki



The *Fiorello* chorus line rehearsing *Gentleman Jimmy*

New Trustee Appointed

William R. Gould, who became president of Southern California Edison Company on February 1, has been elected to the Board of Trustees of the California Institute of Technology, according to the announcement made by R. Stanton Avery, Chairman of the Board.

Mr. Gould, in addition to his duties as a director and officer of Edison, is an internationally known engineering executive. He is a member of the National Academy of Engineering and serves on the executive committee of the Assembly of Engineering, National Research Council.

He is chairman and a Fellow of the Institute for the Advancement of Engineering, which honored him as "Engineer of the Year" in 1970. He also is a fellow of the American Society of Mechanical Engineers.

Mr. Gould is a director of the Edison Electric Institute and is chairman of EEI's executive advisory board of the policy committee on nuclear power. He also is a director of the Electric Power Research Institute, Eyring Research Institute, Kaiser Steel Corporation, and Project Management Corporation.

Born in Provo, Utah, Mr. Gould is a graduate of the University of Utah. He received his post-graduate education at MIT. He joined the Edison Company in 1948 as a mechanical engineer, following six years in the U.S. Navy as an engineering officer. He was appointed manager of SCE's engineering department in 1962 and was elected vice president a year later. Mr. Gould was elected senior vice president in 1967, a director in 1971, and executive vice president in 1973.

CLASSIFIED ADS

WANTED: Naive, easily taken frosh still looking for used bicycle. Am willing to throw my roommate into the deal (this can be negotiated). Prefer 10-speed. Contact Mark J. Rosker, Ricketts 16-A, 449-9414.

HELP: Frosh with naive, easily taken roommate still looking for new one. Am willing to throw his bike into the deal (this can be negotiated). Prefer immediate reply before it's too late. Contact James R. Heckman, Ricketts 16-A, 449-9414.

Anyone who has a few spare hours in the next two weeks and who wants \$2.65 for each of them, please call Shirley Marneus, ext. 1076 or Flora Boyer, ext. 2157. The job is sitting at Shirley's desk and answering her phone in the Judy Library in Baxter.

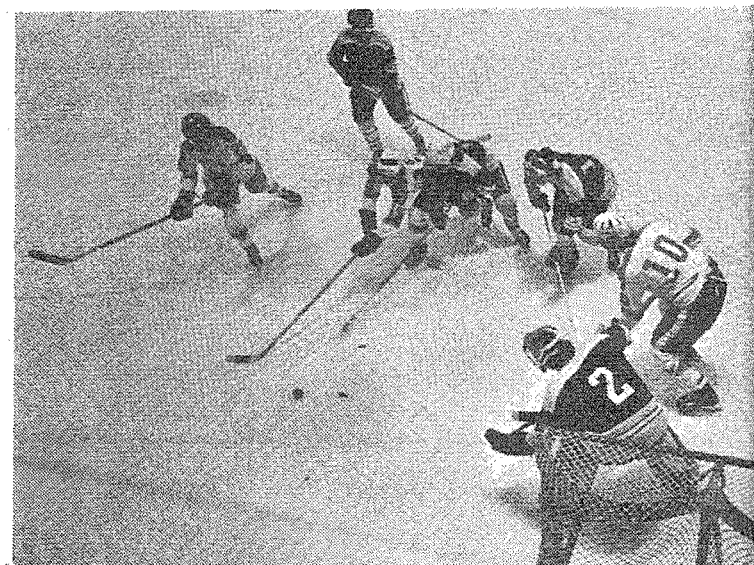
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Hockey Has Winning Season

*When the ice begins to freeze,
And the pucks begin to sail,
Then that's the time to seize,
And the Beavers for to wail.*

Bobby Oar

The Caltech pucksters are on the move again. They have won 5 out of their last 6 games and are currently enjoying a 3 game winning streak. The exact reasons for this success are more complex than the fundamental composition of the universe, explains new team member Andy Gellman. However, the scar-faced veteran Rick Lye explains it simply, "We'd rather play hockey than almost anything else in the whole world." At any rate there is no doubt that emotions are running high on the ice. Why, just last week in a game against Occidental Phil Wood, feeling the 9-0 Caltech victory to be in jeopardy when a teammate was catapulted from the rink, dropped his gloves and came to the rescue. When the fists were done flashing and the gloves picked up from the ice, Wood, the team's leading scorer, found himself ejected from the game by the referees. Taking up the slack after Wood departed, Fred "The



The Caltech pucksters in action

Jet" Culick ended the game with a hat trick (that means he scored three goals, you moron).

Another improvement has been the more consistent play of goaltender Richard Junghans, who has recorded two shutouts already this season. Junghans says "I've been drinking this special formula 'puck juice', which enables me to transcend beyond normal physical limitations and to attain a cosmic awareness for the puck." The observant will see him slurp the juice during the game.

Under the direction of the newly enstated East Coast Scouting Agent, Bill Harris, several midseason trades have been completed. At the cost of Killer Killea and Ralph Whitney, Harris has obtained the promising young stars Gellman, Bobroff, Friedman, and Greene. They will join this year's already record number of rookies including such hopefuls as "Pale" Chael, "Jungle" Jennings, "Fickle"

Faulkner, and "Bottom" Braisted. Everything is no perfect, as a salary dispute is currently going on between Caltech and the Univ. of Michigan where Wood is negotiating to prostitute his skills. General manager, Waning Ember, is pulling all the strings hoping to retain Wood at least for the remainder of the season. To make matters worse Wood ran out of gas enroute to recent game with Pierce J.C. and missed the first period of the game. After the game Wood was quoted as saying, "It wasn't my fault. It was my wife's fault. When I get home I'm going to give her a piece of my mind. Clearly, things could be better for the Beavers."

The next game is Sunday at 10:45 at the Pasadena Ice Capades Chalet against Northridge. Fritz will be there along with Chuckles and Juicy. Bring your hats.

Geoffrey T. Yearde

More Cinematech Flics

This week Cinematech returns to Europe for its screening. Two Italian films are the subject matter for the evening. The first feature is *L'Avventura* by Michelangelo Antonioni; a film which put him in international spotlight. The second feature is *La Strada* by Federico Fellini, winner of several major film awards.

L'Avventura is a story about the idle rich of Italy. Antonioni makes several statements about modern society. He uses recurring themes of the impermanence of love and the difficulty of communication. His attitudes are very similar to F. Scott Fitzgerald in that they are ambivalent toward the society. This goes on to create a strong tension. Much has been said about the beauty of the images he creates, but even more important is that none of these images stand out of its content. Each frame with all its beauty contributes to the film with its dramatic function. The texture and composition make, on the visual level, as much contribution as the text does on a literary level.

On its first release this film was booed at Cannes; however, the international critic's response soon changed. The basis for its greeting is due partially to the film's style. Not only are the characters unprepossessing, but the action would be considered meager by most people. The redeeming quality of the film is its gripping nature that seems to hold onto its audience. Evidence of its acceptance is found in a *Sight and Sound* poll on the ten best international films. *L'Avventura* placed second, finishing ahead of other films that have stood the test of time. The film is a credit to its director's genius and talent.

The second feature of the evening is Fellini's *La Strada*. This film marks Fellini's break with the neo-realist tradition of film-making. The power of the film has been termed poetic. The story revolves around Gelsomina, a poor girl sold by her impoverished parents to a travelling sideshow. Her love for the brutal strongman is returned with cruelty.

The performance of Gelsomina has been lauded as one of the finest ever. Also, for people who tend to dislike foreign films because of the unfamiliar faces, take note Anthony Quinn and Richard Basehart (*Voyage to the Bottom of the Sea*, remember?) star in this film.

Cinematech films are screened Saturday evenings at 7:30 pm in Baxter Lecture Hall. Donations are \$1.50 for the general public, \$1.00 for ASCIT and GSC, and 75 cents for children under 14.

This week ASCIT goes to the West with a John Ford film, *The Man Who Shot Liberty Valance*. Starring in the film are John Wayne and Jimmy Stewart. Both of these gentlemen are reputed to play roles that they have best become known for. Also included are Lee Marvin as the tough bad guy and Edmond O'Brien doing what he does best.

Also, I would like to add that it was brought to my attention

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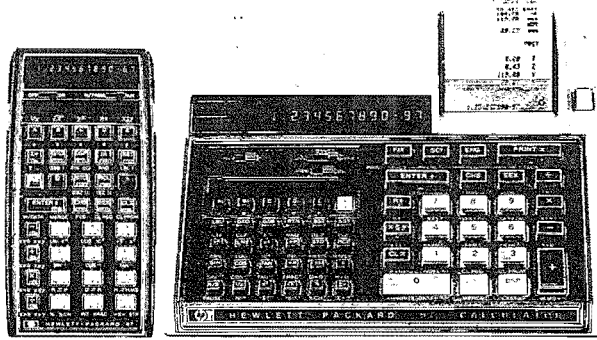
continued on page seven

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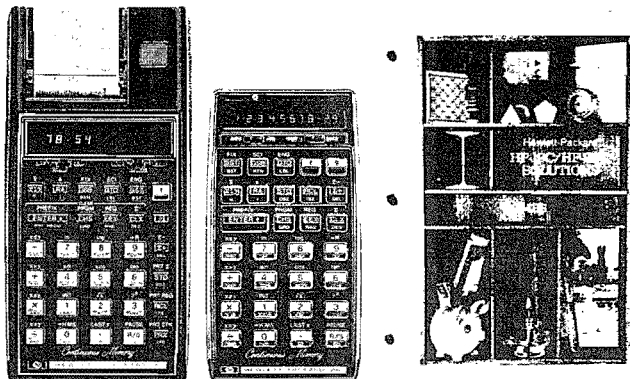
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AT THE CALTECH BOOKSTORE

Studying

continued from page one

period of sleep that precedes the studying, the more this sleep disrupts learning. Sleeping four hours or less was found to be highly disturbing to memory; sleeping six hours disturbed it less.

Researchers aren't exactly sure how sleep disturbs the memory process, but they believe it might involve hormones. In laboratory tests on mice, the hormone somatotrophin, produced naturally during sleep, severely affected the memory of mice injected with it.

If you have a test to study for, study first instead of putting it off until the next morning. Better grades might be in sight.

Cinematech

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that my comment about *It Happened One Night* in my article last week was not entirely correct. I stated that this was the only film to ever take all top honors from the Academy. Well, it seems that although it was the first there is another film that has come along in recent years, namely *One Flew Over the Cuckoo's Nest*. So I will retract my statement from last week and offer this—*It Happened One Night* is the only film that ever deserved to win all the top honors from the Academy.

Finally, I would like to add a personal note that is not concerned with films directly. It seems that a certain professor in the Geology Division objects to seeing any form of advertisements held on campus put on the buildings of Geology. He has taken action, and as a result, I have been told that Cinematech will refrain from advertising in the Geology department. I also heard that the Caltech Y events will not be advertised there, as well. Now to me (allow me to editorialize) it seems that this is a case of one person imposing his will on all the people who would like to see the advertisements. If this professor thinks that the buildings are being defaced, then I would say to him that without these cultural events which are available to people here our minds would probably be defaced. If the professor is not interested in the events, then he is not forced to read about them. Also, if he thinks the advertising methods are a bit elaborate, then he can talk to me about advertising, and I would be happy to inform him on the theory of telling people something they don't know about and aren't going out of their way to learn.

—Michael Kurilla



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HSS Head

continued from page two

promising outsider than for someone already at Caltech.

There is no reason to believe that any branch of the Division of HSS is taking advantage of the rest. The committee for selecting a new chairman has a good balance of professors of English, history, economics, and social sciences. The lists of possible candidates include experts in all of these fields.

—Joel Rubinstein

Y

Programs

continued from page one

had initiated.

At Caltech he has been concerned with energy consumption in personal transportation, auditory perception, satellite systems, synthetic aperture radar, and problems in the general area of communication.

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Beausoleil

continued from page one

deadlines are necessary information for a person considering leaving.

Another area that Ray feels needs immediate attention is student publications, especially the yearbook. Hopefully he will be able to avoid a repeat performance of this past year. "Money is going to be tight this year." Ray is also forming a publications committee. With Ed Bielecki as its head, this group will examine the publications [note: if I get any crap from the committee I'll quit—ed.], especially the newspaper, to determine whether it is fulfilling the needs of the students and campus in general. The committee would make suggestions to the various staffs in an effort to keep the people who are working on the publications in closer contact to the people who are reading the stuff.

Ray would like to emphasize the academic side of life here at Tech. He hopes to change the attitudes of the teachers for 1st and 2nd year classes, noting "There is something dreadfully wrong with a course that flunks or conditionals 30% of its class." Here again Ray feels that an existing student committee, the Educational Policies Committee, could be very effective. Ray has made it clear that the committee will do more than just stuff envelopes for the TQFR. He sees the EPC acting as a sort of ombudsman for the students. He would also like to see the EPC examine the range of humanities courses and offer suggestions about classes that the students are interested in.

One area that Ray feels very strongly about is students taking the committees seriously. "These committees are not to make you look good on your medical school application." Ray is not averse to telling someone they're off the committee if in the opinion of the people involved with the committee and Ray, feel that this person is not doing their job.

Finally Ray thinks that there are ways to solve some of the social problems. He is looking to start up some exchange programs with some of the colleges nearby in an effort to get more girls on the campus. Ray believes that the ESC needs more money to

provide the kind of social events that the students would like. Ray is also looking for unconventional social events, perhaps staging social events off campus. He is hoping that something different from ballroom dancing will emerge as the Friday night event, something closer to a mixer that has beer and munchies and people gathering to talk to and meet people that they don't know.

Ray Beausoleil is a very

friendly, personable individual. He is easy to talk with and usually open to ideas and suggestions. He also possesses the quality of being able to understand an issue in simple terms and communicate his feelings on the subject. He is a good worker and expects performance from people under him because, "I can't do everything and I won't try." He also is easy to get along with: just don't tell him that you like Coors.

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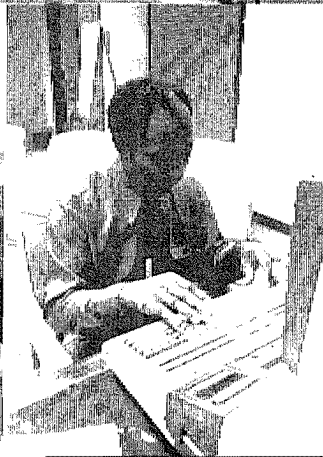
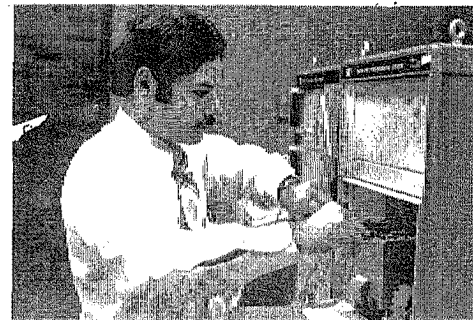
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