



Here are the Hi-Lo's who will be featured at the Caltech Jazz Festival on Feb. 10.

## AUFS Eskimo Expert Describes Arctic Life

BY MATT COUCH

The polar regions, the Arctic and the Antarctic, are the field of study for John Hanessian, Jr., member of the American Universities Field Staff and currently visiting Tech. In discussing these regions, Hanessian stresses several different topics: The Antarctic Treaty, economic possibilities of the polar regions, and scientific and strategic importance of the polar regions.

Hanessian considers the Antarctic Treaty, signed by 12 nations on December 1, 1959, to be potentially very important in world politics. Signed by the U.S., Argentina, Belgium, Chile, France, Japan, New Zealand, Norway, Union of South Africa, U.S.S.R., the United Kingdom,

and Australia, the treaty contains the following principles for governing future national activities in Antarctica:

(1) Guaranteed non-militarization, (2) prohibition of all nuclear explosions, (3) the freezing of all national territorial claims and rights, (4) an unprecedented system of unilateral inspection of any part of Antarctica by observers of any signatory nation, (5) the reservation of Antarctica for peaceful purposes only, and (6) the continuance of the international scientific cooperation which characterized the 1957-58 International Geophysical Year.

Chile and Argentina are the only two countries yet to ratify the treaty, and Hanessian states that this is mainly because of nationalistic factors relating to their claims to parts of Antarctica. They are expected to ratify by the middle of this year.

The inspection clause of the treaty is of prime importance and Hanessian indicates that the mere right of inspection will probably be enough to keep the treaty, with a minimum of actual inspection.

In discussing the economic possibilities of the polar regions, Hanessian points to the Russian development of an important Arctic sea route connecting some of their Siberian rivers with European Russia. This commerce results in about one and a half million tons per year of shipping, taking in supplies and shipping out timber and minerals.

With sufficient capital, Canada could develop considerable resources in Arctic regions, such as oil. Hanessian states that such operations could be commercially profitable, but some framework in transportation and communication would have to be laid first by the government.

In one of his recent AUFS reports, Hanessian mentioned

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## Arndt, Sagawa ASCIT Officers; Turner Wins

The results of the ASCIT special election and of the elections for Freshman class officers held last Thursday and Tuesday are published here.

John Arndt was elected as ASCIT Athletic Manager, to fill the position vacated by Bob Juola at the end of last term. Jim Sagawa was picked as the interim Representative-at-Large, taking over the post previously occupied by Chase Brook.

Art Turner was re-elected Freshman class president in the first frosh runoff election. Tom DeKlyen, was chosen Vice-President.

Al Gillespie is the New Treasurer of the Frosh class. Tom Reubel was elected to the position of Frosh class secretary on initial ballot.

For the freshman class positions on the Board of Control, there will be a three-way runoff election between Jacques Calma, Spicer Conant, and John Slonski.

# Owen Chosen Acting Head Of Tech Biology Division

## Jazz Show Stars Kessel, Shearing

BY JON KELLY

The annual Caltech sponsored "Pasadena Jazz Festival" will bring together the diverse and stimulating sounds of the Hi-Lo's, the Barney Kessel quartet, and the George Shearing Quintet. The Hi-Lo's combine their voices to create a blend that is rare and unique in today's music market, being the only vocal group whose appeal reaches the young pop music buyer, the adult album buyer, and the dyed-in-the-wool jazz fan.

Their popularity is a result of their successfully bridging the gap between commercialism and the pure art form, which no other group has done. Since they first established their new, complex, harmonic singing a few years ago, they have been the number one vocal group in the country and have won every major music poll for vocal groups.

Long associated with the top names in jazz, Barney Kessel is probably the best jazz guitarist in the country. In his hands the guitar becomes perhaps the most versatile instrument, employed beautifully both as a solo and as a section instrument to set off the other instruments in the group, with a delicate use of the oboe for balance. Kessel's music combines a melodic swing with an interesting progressive harmony that makes for good jazz.

The George Shearing Quintet, unequivocally the number one group in jazz today, has produced the most exciting sounds in jazz. Born blind, and forced to quit school at 16, Shearing

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## Here We Go Again

# Rotation Talks Begin Anew

BY JOHN TODOROFF

The Interhouse Committee will hold an open meeting Monday to which all students with ideas, proposals, or suggestions concerning starting a rotation system again next year are invited. The meeting will be at 9:00 p.m. in the Lloyd conference room.

Before formulating concrete proposals, the IHC is attempting to sample as much opinion on the subject as possible. The presidents have met with the Resident Associates and other faculty members as well as discussed the question with their own Houses.

Joel Donnelly, IHC president, emphasizes that Monday's meeting will not be for the purpose of "witnessing the IHC in action." Rather, it is an opportunity for students to present

Dr. Ray D. Owen, geneticist and immunologist, has been appointed acting chairman of the Biology Division.

The 45-year-old professor of biology, noted for his work in the fields of blood groups and tissue transplantation, is succeeding Dr. George W. Beadle, Noble laureate, who is leaving to become chancellor of the University of Chicago. Dr. Owen assumes his new responsibilities this week and will work for several weeks with Dr. Beadle before the latter moves to the Midwest.

The new appointee continues the strong genetics tradition in Caltech's Biology division. Its first chairman was Dr. Thomas Hunt Morgan, a Nobel Prize winner in this field. Dr. Beadle, who took over the chairmanship from Dr. Morgan in 1946, also was awarded the Nobel Prize for his work in genetics.

Dr. Owen, who has been at Caltech since 1946, is widely known for his work with inherited blood groups in animals and man, and in the comparatively new field of tissue transplants. The biologist is co-author with Adrian Srb of Cornell University of the widely used textbook, "General Genetics." He has contributed some 60 scientific papers on his work.

Born in Genesee, Wis., Dr. Owen graduated from Carroll College, Waukesha, Wis., with a bachelor of science degree in 1937 and received his Ph.D. at the University of Wisconsin in 1941.

He first came to Caltech in 1946 when he was awarded the Gosnew post-doctoral fellowship in biology. At that time he was on leave from his post at assistant professor of genetics and zoology at the University of Wisconsin. He became an associate professor at Caltech in 1947 and a professor in 1953.

Dr. Owen is a consultant for the Oak Ridge National Laboratory, Oak Ridge, Tenn., and

served as a research participant there in 1957-58. He is a member of the Genetics Study Section of the National Institutes of Health, and has served on the grants committee of the American Cancer Society and on a subcommittee of the Committee on Medico-legal Problems of the American Medical Association.

Dr. Owen is vice president of the Genetics Society of America and formerly was treasurer of that organization. He is a member of the American Association of Immunologists, Genetics Society of America, American Association for the Advancement of Science, American Genetics



DR. RAY OWEN

Association, American Society of Zoologists, American Society of Naturalists, Society for the Study of Evolution, American Society of Human Genetics, Los Angeles County Medical Association (as a professional associate), Sigma Xi and Phi Sigma.

At Caltech he is a member of a great number of academic organizations: faculty board, committee on academic freedom and tenure, educational policies, registration, relations with secondary schools, and special committee on faculty organization. For 15 years he served on the admissions committee.

new opinions and plans for the committee's consideration.

The arguments usually heard on the subject of a rotation system can be summarized as follows:

1) The results of this present year of non-rotation should not be considered a strong example for most of the points on either side because of many special factors arising from the formation of the three new Houses.

It may be true that House spirit is still strong where it was strong last year and also strong in each of the new Houses. However, the upperclassmen in Page, Lloyd, and Ruddock chose to live together and the upperclassmen in the old Houses are together as a result of past rotations.

It may be true that inter-House friendship is higher this

year, but working strongly in this favor is the fact that three of the Houses are strongly populated with former members of the other four. This gives a number of people friends in three Houses other than their own.

It is commonly considered valid, however, to ask about a freshman's first impression and reaction to college this year as opposed to the past. Also many people ask what Ricketts and Dabney have done with or for freshmen who they would not have chosen in a rotation. Further, what has happened to frosh in Blacker and Fleming who would have been attracted to Ricketts or Dabney in a rotation?

2) Rotation gives everyone a choice of who he wants to live

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## Editorial

## Why Hold An Office

There are many good reasons for running for ASCIT offices which do not involve written statements or verbal garbage. We would like to set down one or two for consideration prior to the forthcoming ASCIT general elections.

First is the fact (trite as it may seem) that serving well in an ASCIT office is performing a valuable service for the Caltech student body. The Board of Directors is an administrative body and in general the many little things they try to do make life around Caltech much more enjoyable for all of us.

Secondly, there is the fact that working hard in a student office will give you many hours of enjoyment and a whole raft of interesting experiences that may or may not be valuable, on an absolute scale, but are not obtainable in any other forms of campus activities. This, (and the ego-satisfying name of "BOD Member") is the only remuneration for your efforts.

Accepting responsibility voluntarily (which is what you do if elected) is one of the major facets of holding a student-body office. It is one thing to work in a job, and completely another to be responsible for its completion. The most difficult aspect of holding an office is maintaining the feeling of responsibility throughout the duration of the term, especially after many tasks become routine. You must be able to live up to your words and for your work, must be able to accept both praise and criticism.

We would like to urge everyone to consider accepting responsibility in the form of an ASCIT office. However, there is one constraint.

People who are interested in student government should think first of ways to maintain a better status quo, or improve it, and then through which office they can best accomplish their goals. Deciding to run for office, then trying to think of something constructive, is the wrong approach.

Now is the time to start thinking again of ways in which to make Caltech life more enjoyable for all of us. If you get an idea, then it is up to you to try and implement it. —tt

## Crill Revisited . . .

BY ROGER NOLL

During the week, we received the following note:

Dear Mr. Knoll:

Last Thursday, as I chanced to be surveying your school newspaper, I chanced to come across your delightful article about that sadly neglected poet, James Witherspoon McLaughlin Crill. As you are without being in any doubt aware, Crill is one of those good, but not quite great poets of the Victorian era, whose abilities were not fully appreciated during his life, but who has never-the-less been almost completely ignored by many, but by no means all, contemporary critics. In the light of this saturnine turn of events, it is to a very noticeable degree pleasing that a student at a so-called technical school should take an interest in the work of Mr. Crill. It must have taken no small amount of research to learn so much about such a little-known poet as Crill (I'll confess that I was quite surprised to learn that Crill had spent some of his formative years in the line of husbandry;

possibly explaining Crill's constant concern with the "fruits of the unwombed soil" — from Crill's short lyric verse "Spring in the Woods of Sussex County"), and you are to be complemented for your spirit of inquest.

Knowing that the soul of wit is often given credit for brevity, I'll make just a few more remarks. Your utterly delightful discussion on "Fledgling" was the best brief analysis of Crill's masterpiece I've ever chanced to come across in a school newspaper. Would you be so kind as to forward a copy of the article for my files? My only criticism would be that you gave undue credit to the so-called "Lost Line School" (regarding the third and fourth lines of "Fledgling").

The dynamic force of the fourth line of the poem rises in no small part from the abrupt break in mood it makes with the third line's yearning intonation. A line between these two can hardly be expected to enhance the power of the first stanza. I am yet but to find a student who realizes the folly of the discredited "Lost Line School"

without no small amount of thought, so please don't feel chastised.

If you would like to go further into the work of Crill, including the unpublished "Crill for the Ages," perhaps you would like to join our Mid-Victorian Poet Appreciation Club. Next week we'll be reading selections from Gluyen's "Years I Have Known." And I hope soon to have a chance to delve into Crill's often-misunderstood short epic, "A Voyage to Chraft."

Yours truly

James Johnson, Ph.D.

Mr. Johnson's letter prompts us to print Crill's "A Voyage to Chraft." Many have scoffed at Crill's contention that "Chraft" can rightly be called an epic—it is certainly unlike epics done by other poets. But Crill countered this scoffing by suggesting that anyone who fully understands the poem and the truths that it implies, will certainly agree that they are of epic proportions.

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## Letters

## Great 'Fight' Stirs Populace

"Saturday's spectacle proved to be a resounding moral victory for the BOD. It has demonstrated beyond a shadow of a doubt that the IHC is at least as C.S. as we are."

Bauer

Editor, California Tech:

Broken promises! That's all we get from these politicians. Broken promises!

We don't want promises, we don't want words, we want deeds.

Let the BOD and IHC cease their underhanded connivings and hold the promised water fight.

Words are the mark of a politician, deeds the mark of a man. Have we chosen men to the BOD and IHC? If so, let them prove themselves in battle.

Infuriated

Editor, California Tech:

I mean, like where the . . . was the waterfight? I got up at 11:15 (a.m.) just to see it and lo! no fight! I bet that we got a bunch of real CIT sissies on this here campus. Let's get with it, you incompetent politicians.

G. S. Cyr

Editor, California Tech:

Citizens of the world, unite! We are being deprived of one of our most sacred rights and privileges — the BOD-IHC waterfight.

Public opinion must be aroused to hold the recalcitrant members of the BOD and IHC to their word.

Continually the will of the people is thwarted by the machinations of those in power.

Let the cowards beware. If they fail to put into action the promises which were so freely given, they may rest assured they shall have no peace. Let them tremble for their safety if they persist in refusing the requests of the multitudes.

The Revolution is coming!

Absolutely Infuriated

Editor, California Tech:

We are exceedingly glad that the waterfight did not come off and that BOTH the IHC and the BOD were C.S.

Whenever students stay quiet there is need for less calories, proteins, and vitamins, and as a results SAGA saves money.

Jack Dimples



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# Taylor Eyes Best Part Of Chandler; 'Ronnie'

BY LANCE TAYLOR

Even with its twin horrors of dreggy coffee and water-thin malted milks, Caltech's new Greasy, alias the Harry Chandler Dining Hall, draws an enormous clientele. Directly responsible for a large share of the local desire for the Greasy is Miss Veronica Mary Gutierrez. Miss Gutierrez is affectionately known as "Ronnie."

Ronnie spends most of her time in CDH (11:30 a.m. till 7:30 p.m.—five or six days a week) at the two most strategically located points on the food line—the cash register and the meat tray. In either of her two posts, displaying her cheerful devastating body for all to see, she dominates the whole Greasy.

Ronnie is quite adept at both her tasks, ladelling out generous portions of Yankee pot roast when the management isn't looking, and letting her selected friends (most of the campus) sneak past occasionally without paying for their ice cream bars or orange-juice sticks. (Really not true.)

## Model, Dancer, Et.Al.

Capitalizing on nature's bounties, Ronnie (aged 18) has been modeling for the past two years for various photographers on Pasadena's Lake Street. She claims she began her career at her mother's urging, and that she has ranged from being a platinum blonde dressed in sheath dresses to being a brunette dressed in whatever decency allows.

She also claims she has given up modeling, in deference to

her fiance's wishes. (So much for that idea, guys!)

Her dancing career has been equally fruitful and equally short-lived. Ronnie appeared twice as a dancer—both times before Air Force groups at Beverly Hills clubs. She plans to appear no more. Her fiance again.

## Pasadena High School

Ronnie learned to dance, she says, in her home—she is Spanish—and at Pasadena High School, where she graduated last June. She was the best pupil in her modern dance class, and this, plus her mother's urgings, got her dancing jobs.

Unfortunately for the stage and for magazines, Ronnie decided last summer that she wanted a "real job." She got her present assignment the obvious way—Saga's Greasy manager saw her and offered his all. She is now repaying her salary three times over.

# Noll Analyzes Crill . . .

(Continued from Page 2)  
"A VOYAGE TO CHRAFT"

By James W. McL. Crill

'Twas on the way to Chraft, sweet place,  
I found the golden key  
That flung far wide the Door of Life,  
To let me for but see.  
And why to Chraft, I asked before,  
Am I compelled to go?  
But yet now I know what sly-ness full  
Made this journey so!

While on the way to Chraft I fell,  
But not an earthly fall.  
I tumbled into knowledge sweet,  
Yet not just part, but all.  
For when I chanced to reach dear Chraft,  
I heard the Devil say,  
"Close quick your eyes to all man's fault,  
And it will pass away."

This phrase, and naught but stony hush,  
Did pass his lips towards me,  
But yet much more for but our World  
If only we could see.  
For Satan's will is not for men  
To live in knowledge state,

But for to whisk away the truth  
And with lies us surfeit.

Students of Crill have long contended that this poem is the hardest of all Crill's works to interpret. Critics contemporary to Crill wrote that the poem was too simple and musical, that Crill's use of monosyllables was tiring and insulting. But this era was one that sought complicated phraseology constructed with the use of difficult, unorthodox words, such as used by Kipling. Critics of this era were not prone to seek real literary enjoyment in non-syntactical terms.

But in "Chraft" Crill at once sheds the stiltifying robe of educated vocabulary, utilizing lay phraseology to express his innermost feelings.

In this poem Crill establishes a new poetic form, which he

called "4-2-2 2-2-4 4-4 epical treble." You'll notice that Crill confined himself to writing alternate lines of iambic tetrameter and iambic trimeter. In Crill's terminology, "epical treble" referred to the form and number of stanzas, while "4-2-2 2-2-4 4-4" refers to the numbers of lines in the poem devoted to each sentence, in order of occurrence. Of course, no one has since matched Crill in effective usage of the form.

The truly remarkable fact about "Chraft" is that, in spite of the fact that only 11 times does Crill use words of more than one syllable, the poem is extremely difficult. In the first stanza, fourth line, we have only six words, with but 16 letters, but still a clear grasp of the meaning escapes us. The most common interpretation is that the line tends to minimize the

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- Pincushion Radar
- Logi-Scale General Purpose Computer
- Radar Closed Loop Tester
- Missile-Range Ship Instrumentation
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## Jazz Concert

(Continued from Page 1)

began his career playing piano in a London pub. At 27 he was the number one jazz pianist in Britain.

After two unsuccessful years in this country the quintet was born and Shearing was on his way to American stardom with an MGM recording contract. His latest recordings have been with Capitol. Such exciting albums as "The Shearing Spell", "Latin Escapade", "Velvet Carpet", and "Black Satin" have been top sellers.

The Jazz Festival will be held in the Pasadena Civic Auditorium on Friday, February 10, at 8:30 P.M. Tickets are selling for \$3.75, \$2.75, and \$2.00 with a \$.50 student discount.

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# SPORTS

## Lloyd Wins IH Tennis; Page Snags Second

Lloyd House swept the Interhouse Tennis tournament with a startling display of power that left favored Page and Ruddock struggling for second and third respectively. For its victory, Lloyd picked up 21 points toward the Interhouse Trophy race, now leads the seven-house pack with 54 points, while Ricketts and Ruddock are tied for second with 52½ points each.

Lloydmen took first in first and second singles and doubles, and tied for the winning spot in third place to rack up their team win.

Roger Leezer (Frosh!) took first singles, and Ed Medof won the second singles division. Eliot Bradford tied for first in

the third singles spot.

Doubles were won by Bob Ruddick and Sid Leibovich, the latter making his professional debut.

The next Interhouse sport is track. Coach Nerrie expects the traditional meet to be very good, in light of the number of people who are presently working out terhouse Trophy race at the end for track.

The point standing in the In- of tennis are:

1st Lloyd House	54 pts
2nd Ricketts (tie)	52½
Ruddock (tie)	
4th Dabney	50½
5th Page	49½
6th Fleming	43½
7th Blacker	33

## Hanessian Discusses Polar Politics

(Continued from page 1)

another interesting idea relating to the polar regions. In October, 1959, a Soviet radio broadcast outlined an audacious plan to melt the Arctic ice and change the entire climate of the Northern Hemisphere. The scheme, suggested by a Soviet power engineer at the Soviet Academy of Sciences, Arkady Markin, would involve the close cooperation of the U.S. and the Soviet Union to participate in building a gigantic dam across the Bering Straits (the narrow neck of water separating the eastern tip of Siberia from Alaska).

His plan, wrote Hanessian, calls for the installation of a series of propeller pumps in the body of the dam, the use of nuclear power to drive them, and the pushing by the pumps of the warm Pacific current into the Atlantic via the Arctic Sea. This would gradually increase the temperature of the Arctic Sea, melt the ice, and cause a resultant climatic change for Siberia and North America, converting the now frozen areas into temperate and productive regions.

Hanessian's schedule for the rest of his stay on campus fol-

lows:

At noon today he will speak to the "Y" grad sack lunch club. This evening he will dine with Prof. and Mrs. F. C. Lindvall.

Tomorrow, Friday, January 27, Hanessian will speak to the Econ 100 classes at 8 and 11 a.m. At noon he will speak on "The Antarctic Treaty" to the International Relations Section of the Los Angeles Town Hall. He will dine with Prof. and Mrs. Robert Sharp.

Hanessian will spend the week end in Santa Barbara as the guest of Mr. and Mrs. A. B. Ruddock. He will return to Pasadena Monday afternoon.

Tuesday, January 31, he will speak to the H 5 classes at 11 a.m. on "Polar Regions and Their Significance." He will lunch with the H 5 staff at the Athenaeum, and at 8 p.m. will attend H 124.

Wednesday, February 1, Hanessian will attend the Geology Club lunch in 151 Arms. At 4 p.m. he will participate in a Humanities Seminar with Professors Frank Hess and Harrison Brown; subject — "Scientific Possibilities in the Polar Regions." He will dine at the home of a faculty member.

Hanessian is presently staying in the Ricketts House guest suite, but will move into the Athenaeum tomorrow upon the arrival of Mrs. Hanessian.

## Knoll's Crill

(Continued from page 3) importance of the "golden key." But this interpretation does not take cognizance of the fact that, according to Crill, this key was that which "flung far wide the Door of Life."

Another interpretation, subscribed to by many of the members of the "Lost Line" school, is that Crill found it difficult, in this, the very first part of the poem, to fit his form of alternate triple-stroke iambic beat. Critics subscribing to this belief conclude that Crill, having already written the non-fitting "To let me see," added the "for but" to make the line contain three beats, hoping the meaning would

(Continued on page 5)

## Caltech Noses Out Occidental In Hoop Thriller; Bopp Stars

Caltech's varsity basketballers knocked off cross-town rival Occidental, 79-78, last Friday in the Tigers' crowded gym. It was the first time since the Beavers won the league championship in 1954 that Caltech has managed to beat Oxy in basketball.

Oxy's crackerbox gym was filled beyond capacity as the two teams staged as an exciting an exhibition as you'll ever see. Neither team was ever ahead by more than eight points. During the first half, consistent shooting from outside, over the Occidental zone defense, by Larry Brown and Bill Ripka, kept the Beavers even with the Tigers. In the second half, Caltech forward Tom Bopp tanked eight free throws and three baskets to keep the Beavers a nose in front. With only 11 seconds to play and the Tigers leading by a point, Bopp sank both attempts on a one-and-one foul shot to give the Beavers the win.

The game was probably the best played by a Caltech basket-

ball team in several years. Bopp was the scoring hero with 21 counters, but at least seven other men played an excellent game. Brown and Gerry Clough combined to hold Bill Nelson, Oxy's 20-point-per-game forward, to only six points. And in spite of the fact that every Caltech player was guarding a man taller than himself, the Beavers held their own in pulling down rebounds. All in all, it was a great basketball game, and it served notice that the days of weak Caltech basketball teams are over.

This weekend the Beavers travel twice to the Pomona area. Friday, Caltech plays La Verne on the La Verne hardwoods. La Verne has whipped Pomona twice this year, the second time on the Pomona court in overtime. The Tigers are paced by a tall, high-scoring front line, with both forwards and the center averaging over 10 points a game.

Saturday, Caltech journeys to

Upland in what should be the easiest game of the month. Upland is good for a small school, but it doesn't compare with the SCIAC teams. Earlier in the season the Beavers whipped Upland 67-62, with the first string playing about half the game.

Tuesday, University of California at Riverside visits Caltech for an afternoon game at 4:30. UCR topped Caltech 66-63 in the Beavers' first game after Christmas vacation. The situation is reversed Tuesday, as Caltech is Riverside's first game after their semester break. The Beavers should be "up" for this game, for they feel they were robbed at Riverside when they lost. This, coupled with the improvement the Beavers have shown in the last two weeks, should carry them through UCR.

On the strength of recent Beaver showings, the Beavers will probably win all their games this weekend, and probably by good margins.

## Rotation Arguments Summarized Concisely

(Continued from Page 1)

with. This makes frosh and Houses which get first choices happier and promotes House spirit.

However, people opposed to rotation feel that the way this choice has turned out in past rotations has denied opportunities for social development to some students who need it most.

They note that the outgoing, socially aware student have desired to live in a House with each other.

On one side, a number of pro-rotationists claim that this concentration is good because the resulting close competition among potential leaders will produce the most outstanding students and the most outstanding

House activities and spirit.

On the other hand, many non-rotationists believe that these more outgoing students have tended to forget the positive influence they might have had on the other people who they have excluded from their House and also overlooked what can be learned from them. A House has too narrow a viewpoint, they contend, if it chooses only frosh who "fit in."

Further, they question whether the extra competition is worthwhile at the expense of leaving the less-outgoing people to themselves in a different House.

3) Many non-rotationists worry about rotation's asking the freshmen, who came to Caltech primarily seeking academic competition, to compete socially

and show a strong interest in extra-curricular matters before they get a chance to open a book. A number of pro-rotationists say that this very fact gets across the point that the four years at Caltech are intended to teach more than science.

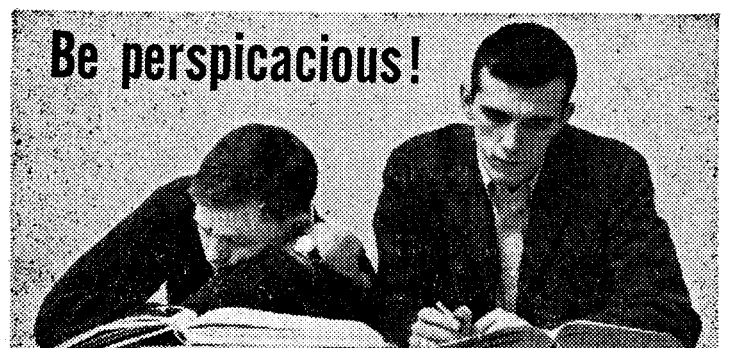
4) Some pro-rotationists say that their system fosters a friendly greeting, at least from the upperclassmen in strongly rotating Houses, who are trying to meet and evaluate every frosh. Many opponents say this greeting is too artificial.

5) To some, the mere act of judging frosh is abhorrent; to others it is considered valuable experience. Usually, non-rotationists question the values on which a one-week judgement of House or frosh quality can be made.

## Ricketts Edges Page; Leads In Discobolus

The latest episode in the discobolus competition was a contest between Page and Ricketts in handball. Page challenged Ricketts in water polo, tennis, and handball, and lost to the defenders in a closely-fought 3-2 handball tournament held at the Pasadena YMCA. Page, led by Jim Geddis and Thor Hansen, won the first and second singles but lost the third and fourth singles to Marty Hoffman and John Weaver and the doubles to the Ricketts team of Carlos Johnson and Tom Slobko.

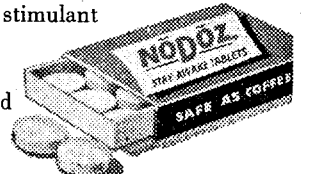
This competition gives Ricketts a powerful lead in discobolus competition with 12 points. Page is second with five; Lloyd, Ruddock, Fleming, and Blacker are tied for third with four, and Dabney is last with two.



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## EPC Suggests Revisions For Honor Section

BY LARRY GERSHWIN

The Student Educational Policies Committee will submit a letter to the Faculty EPC next week with recommendations for an overhaul of the sophomore honor section.

The basic recommendations are to create honor classes in individual subjects, do away with departmental finals as far as the honor class is concerned, provide opportunity and stimulus for individual research in the field or fields of one's choice, make the classes smaller, and provide better teachers.

The reason for having the honor section is to enable very superior students to have the opportunity to work and learn on a higher plane than in ordinary classes, rather than provide the opportunity for exceptional students to be together. The EPC hopes adoption of its recommendations will create this situation.

The EPC's basic recommendation is to create individual honor classes in History 2, Math 2, and Physics 2, and possibly in Chemistry 41 and Math 5 if enough students are taking these. As it stands now, one honor section exists. The students take History, Math and Physics together. The members of the section are chosen on the basis of their freshman GPA, but membership is not compulsory. Instead of this system of choosing members the EPC recommends that each honor class be composed of people chosen on the basis of recommendations for that subject by their freshman teacher of the subject, grades in the subject, and interest in it.

This method would enable those students who do well and are very interested in one subject but do not do so well in other subjects to be in the honor class of the field of their choice. Each honor class would be composed only of those students who are very capable and very interested in that particular subject.

With that as a basis a great deal could be done. Teachers could go much further into the subject than the book does, because everyone in the class would want to do extra work and would be capable of it.

One way of enabling honor classes to go further and more deeply into the course is to cut out the regular departmental final for the honor class. These finals tend to make students concentrate too much on material covered by the regular classes and not very much on the extra work. A final for the honor class would cover all the material covered by the class.

An important reason for having individual honor classes is to give students the opportunity to do independent research on whatever level they wish. Since they have shown a great interest in the subject by joining the class, they will be strongly urged to do independent research in areas not necessarily covered by the course.

In order to make the class a success the size would be smaller than that of an ordinary class and the teachers would be chosen on the basis of their interest in and enthusiasm for the students doing extra work and research.

## More Crill Poetry Exhumed

(Continued from page 4)  
remain approximately the same.

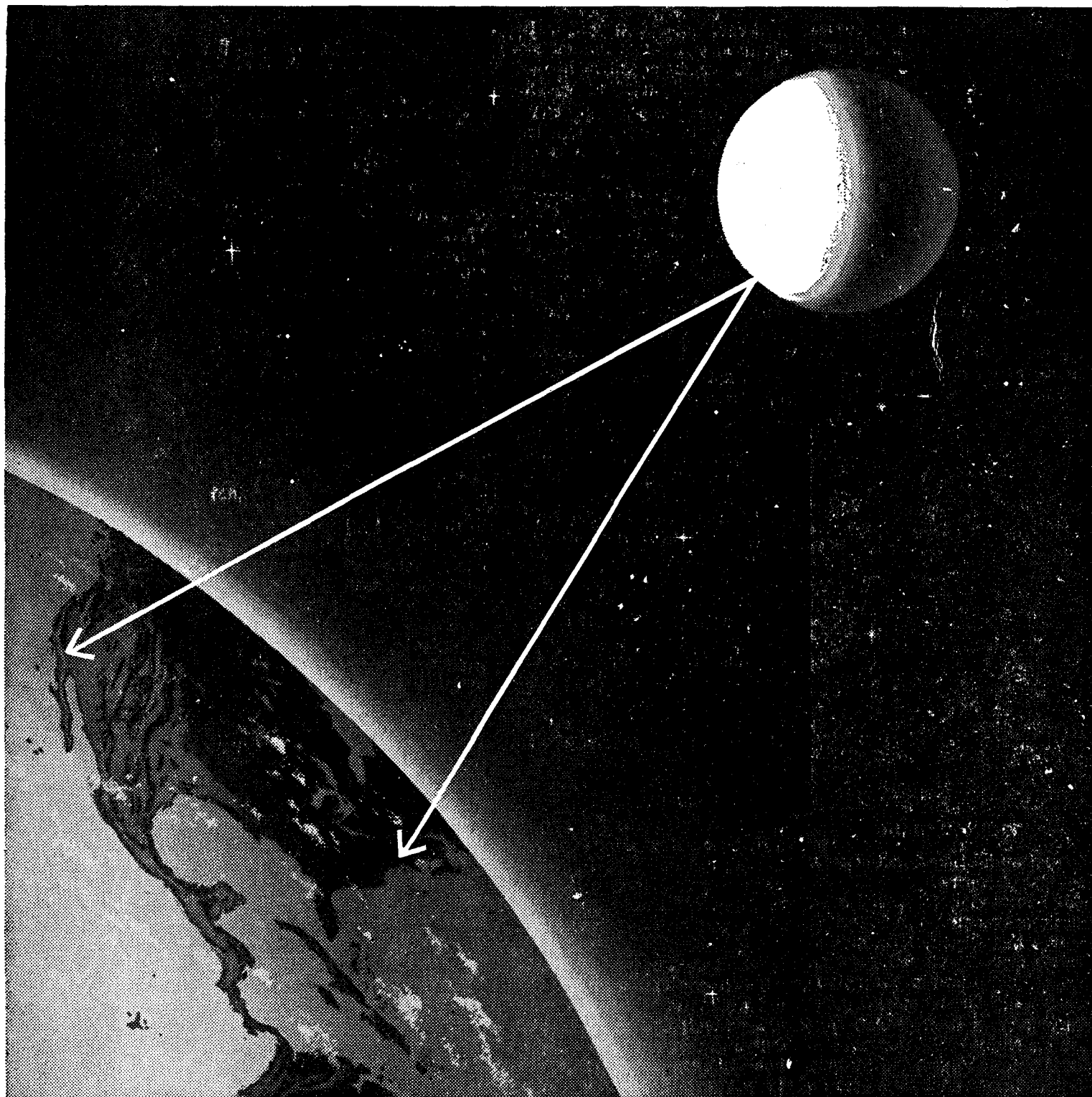
It seems, however, that this interpretation is a bit harsh on Crill, especially since there is a third, extremely plausible interpretation. Those critics who truly understood Crill as a person suggest that line four meant to indicate Crill's modesty at being able, through his own inferiority, to see nothing more than knowledge as it applies to man.

Crill later states that, by peering through the Door of Life, he sees all knowledge applying to man. To say this, without first acknowledging the fact that he did not see all the answers to problems other than those concerned with man's existence, would have required an arrogance not characteristic to Crill's works.

The "Lost Line" school brings forth, perhaps, their most as-

tounding contention concerning the end of "Chraft." It is contended that the third stanza offers no conclusion, no finish to the thoughts in the poem. It is, therefore, concluded that the printer of "Parcels in the Dust" lost the last stanza sometime during the printing process. This contention, while compelling, seems somewhat sterile when compared to the possibility that Crill actually wanted the poem

to seem unfinished. If we thoroughly digest the meaning of the poem, especially the last four lines of the second and third stanzas, it become obvious what the last stanza (should one exist) would have to say. Since Crill was never one to warn, to advise or to preach, it is very probable that, having completed the first three stanzas, he refused to go on, leaving the conclusion to the philosophers.



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**INTERVIEWS ON**

**FEBRUARY 8 and 9**

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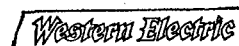
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## Bauer Urges Constructive Criticism

Every year at this time we are witness to an upsurge of interest in the ASCIT organization. This interest is generally directed along two lines: what has been done during the past year, and how can we improve during the next. Each of these lines of inquiry is valuable, and it is to be hoped that they are fully developed in the campaign period to come. It is equally important, however, that all discussions of this type be strictly developed along lines of rationality and fairness. In these respects, a very bad beginning has been made.

The most recent editorials in the *California Tech*, as well as some of the opinions expressed by supposed campus leaders, have been neither rational, in the sense that they were not based upon reasoned and informed argument, nor fair, in that they were not willing to correctly evaluate what has been accomplished by those presently holding student offices.

Unsupported name-calling is never more than petty, whether it be applied to the BOD, the *California Tech*, the president of House Z, or any other individual or group. After all the noise has cleared away, the fact still remains that almost never during the past year has a member of the Board of Directors been given a concrete suggestion for improving ASCIT, by the *California Tech* or by anyone else.

If anything need remedy, it is this. During the forthcoming campaign, every student who is sincerely interested in the student organization should let candidates know specifically in what way. In this way, and only in this manner, will campaigns be significantly improved.

B. Bauer

## Watts Talk Covers Zen Buddhism

Alan Watts, one of the two best-informed Zen Buddhism men in this country, will speak next Tuesday night at the Pasadena City College auditorium. His evening lecture begins at 8 p.m. and is open to all students. There is no admission charge.

Future speakers scheduled for the Tuesday evening forum at PCC include Margaret Mead, noted anthropologist, who will be coming to Caltech later in the spring on the YMCA Leaders of America Program. The PCC program schedule is posted in the YMCA Lounge.

## Summer Travel Ideas Available

Are you interested in summer travel and home-stays in foreign countries? Bob Nason (Page House), an Experimenter to England last summer, has gathered much information for the use of others.

This information includes the following programs: The Experiment in International Living; The Lisle Fellowship; International YMCA-YWCA programs. Nason lives in 209 Page, or can be reached through the YMCA.

# Tech League Football Schedule Cancels Redlands, Whittier

Caltech's request to drop Whittier and Redlands from its conference varsity and frosh football schedules was unanimously approved at a faculty SCIAAC meeting last week.

The request originated in the Caltech Athletic Council, a joint faculty, student, and alumni board. Dr. William Corcoran, professor of chemical engineering and current chairman of the Athletic Council, explained that his group felt recent games against Whittier and Redlands showed "the competition has

been more than that which can be reasonably met by Caltech football teams."

Corcoran noted that these overmatches conflicted with the philosophy of Caltech athletics:

"Football and other intercollegiate sports at Caltech are maintained primarily for the benefit of those students who wish to compete. Continuance of any sport is dependent upon the students' support.

"It is hoped that the revision in the football schedule will increase the interest of those mem-

bers of the student body who wish to compete in intercollegiate football."

Cal Western has also been dropped from next year's schedule.

The Athletic Council will review Caltech football after a three-year period under the adjusted schedule. "If the student body shows a continuing interest in football," Corcoran assured, "I am sure that interest will receive support from Caltech faculty and administration."

## Announcements

### STUDENT SHOP

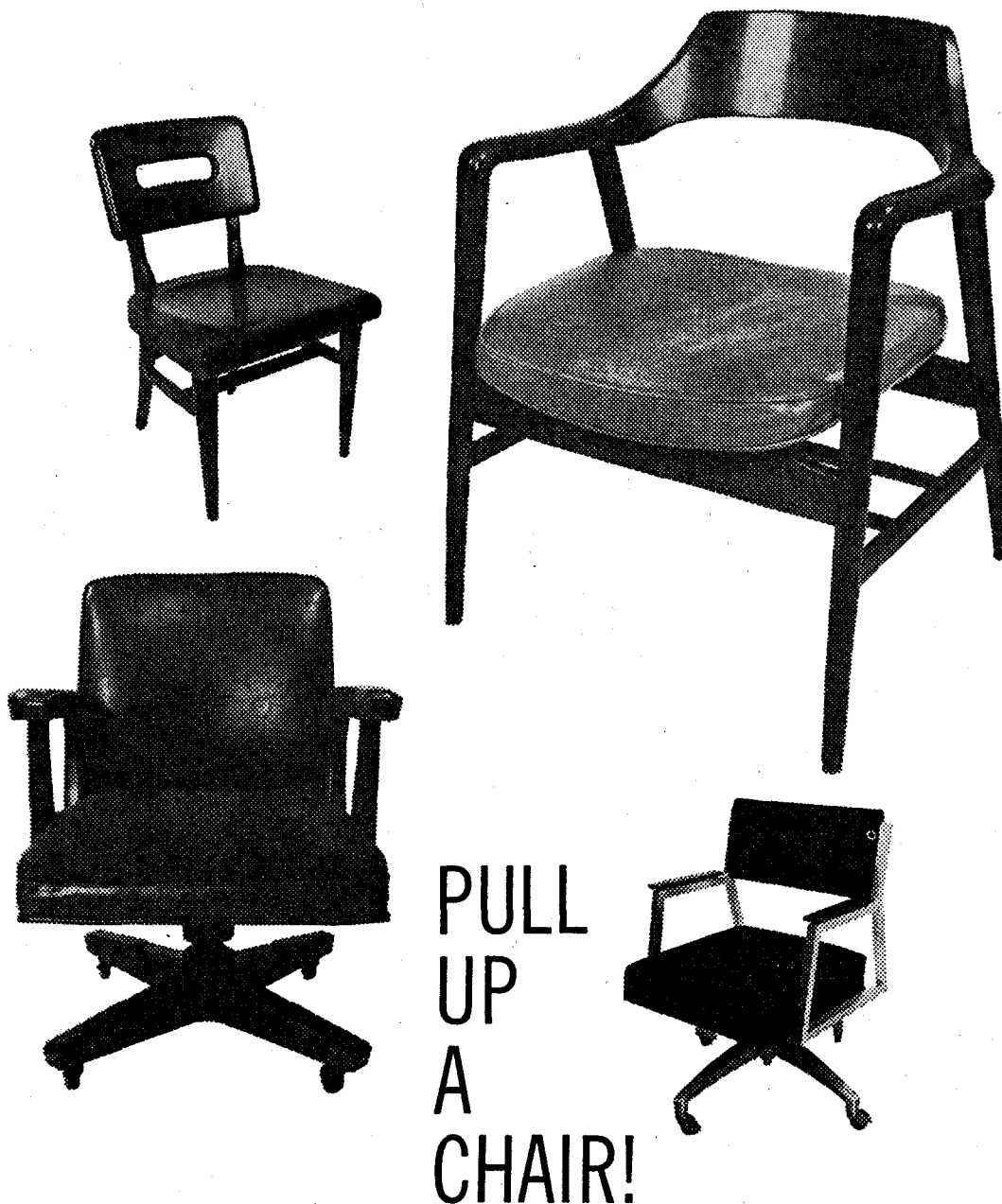
The Student Shop has again opened its ranks to new members. If you want to join, contact Ron Gatterdam, Ruddock John Smith, Dabney, or Bill Burke in Fleming by February 4.

### ASCIT CANDIDATES

There will be an information meeting for prospective candidates for 1961-62 ASCIT officers and other interested persons, Monday, January 30, at 7:30 p.m. in the ASCIT Board Room.

### CAMP COUNSELLORS

Applications for the 1961-62 New Student Camp counsellor positions will open January 23. Put a note in the B (for Bauer) box in Dabney.



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## INTERVIEWS

### CALTECH

January 30-31

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