

Resident Artists Exhibit Works in Dabney Lounge

by A. Ctein

What does one do with a master machinist and a part-time cartoonist? Exhibit their work in an art show, of course! The artists in mention are Paul Darrow, head of the Scripps Art Department, and Ferenc Csenterly, a skilled precision machinist-cum-featured artist. The Institute Fine Arts Committee will be exhibiting their works in Dabney Lounge beginning Wednesday, January 27, as the Committee's second mahor show of the year.

Pasadena Boy

Paul is a Pasadena boy, educated predominantly at P.C.C. and Scripps. He has taught at the County Museum, the Chanard and Otis art schools, and at Scripps, to mention a few. His talents include graphics, drawing, and cartooning: faithful readers of the New Yorker will have seen his work.

In the past, Paul has been best known for his landscapes, which have a lyric, abstract quality. This show will be the first to feature representational works of human figures. His more recent works combine superb drawing skill with his lyric quality. Throw in a liberal dose of Paul's warm sense of humor, and an unbeatable combination results.

Freddy for Short

Ferenc (call him Freddy) left Hungary in 1956. He was educated, like Paul, at P.C.C., as well as at the School of Fine Arts of the University of Judaism. He previously had graduated from the School of Technology in Hungary. He presently supports himself as a precision machinist and welder. Since he works for a firm that deals with JPL, he has probably even helped build some of our spacecraft.

Freddy's work combines his two

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Board Of Control Considers Security, History, Policy

by Robert Fisher
Sec'y, BOC

Few students, faculty, or administrators would deny the value of the Honor System at Caltech. Especially since those individuals who think about the system (including members of the BOC) tend to conclude that it works. But with any collection of abstract, interpretable principles there are places where application is either ambiguous or unwarranted. For some time there have been questions on the Honor Code's applicability to non-academic matters.

Over the past two terms, the Board of Control has held four discussion meetings on this issue—one of them open and well-publicized. Opinions varied substantially and a number of possible changes in procedures of the Board were suggested. In the following it is my purpose to throw some of these ideas out for general discussion. If a statement is only a personal conviction of mine, I shall attempt to phrase it as such. Even when I speak here for the Board as a whole, it should be emphasized that opinions have not been final-

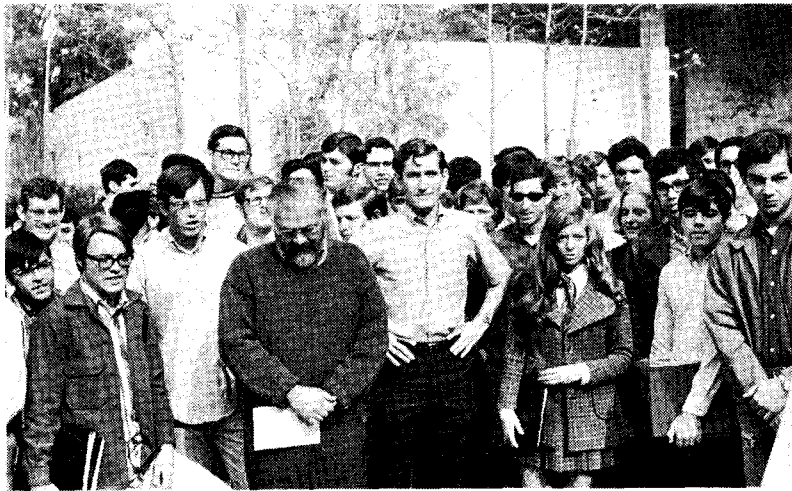


Photo by Levin

Dr. David R. Smith delivers invocation at Memorial Ramp Dedication.

Round Four

The War of the Greasy St. Ramp

by Phil Neches

Page House appears to have scored an uncontested victory in round four of the now-infamous "Battle of the Greasy Street Ramp." Between Friday night and Saturday morning, the David R. Smith Memorial Ramp appeared to aid the flow of traffic between Greasy Street and Olive Walk.

The new ramp, complete with engraved plaque, will present anyone who wishes to remove it some trouble. It is constructed of steel-reinforced concrete, and has steel rods going into the street to support it. Unlike ramps constructed by B&G, the new ramp has no drain channel through it. These channels have been used to physically uproot previous ramps.

Illustrious Predecessors

The new ramp is the fourth ramp to grace its location since September. The first concrete ramp was removed sometime last term, and replaced by a ramp which had holes for metal posts, as well as metal posts. In the course of the first week of existence of that ramp,

both the posts and the holes disappeared. The posts apparently now reside in Page House, while the Fleming House freshmen are now hiding the holes under some quick-set cement. (Note: "A hole is something that would have been there if it had been there." -- C' A' Mead)

The second ramp was left well enough alone for the balance of first term, however, it went the way of the first over vacation. In its place, a green wooden ramp somehow appeared. Unfortunately, no one counted on the effects of

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All Hale!

Palomar, Wilson Renamed

The Mount Wilson and Palomar Observatories are to be known henceforth as the Hale Observatories, it was announced by Dr. Caryl P. Haskins, President of the Carnegie Institution of Washington, and Dr. Harold Brown. The change of name honors George Ellery Hale, the world-famous astronomer and founder of both observatories, who did more than any other American of his day to awaken interest in and find support for science.

The Hale Observatories, which are operated jointly by the Carnegie Institution of Washington and Caltech, constitute a unique scientific organization which has long been pre-eminent in the field of astronomy. Since 1908, when the Mount Wilson 60-inch reflecting telescope was completed, their facilities have been unequalled elsewhere in the world. Today, the 200-inch Hale telescope at Palomar is the world's largest optical telescope.

"Much of what is known about the universe has come from the Mount Wilson and Palomar Observatories. Each of the observatories will retain its own identity under the new shorter name, which is specified in an agreement that continues the productive scientific partnership of Caltech and the Carnegie Institution that began in the 1930's," said Dr. Horace W. Babcock, Director of the Observatories.

The new joint operation plan which changes the name to Hale Observatories amends one approved by the trustees of the Carnegie Institution and Caltech in 1948. The amended plan specifies that there shall be a director from one

Bradley Visit to Highlight Week's Y Activities

by E. Gansner

The emphasis of the Caltech YMCA's program this coming week is on political and social awareness. The week will be highlighted by a visit to the Caltech campus of nationally-known councilman Thomas Bradley and by two commune dwellers.

Bradley will be on campus tomorrow to talk informally with faculty and students on the urban environment. At 12:30, there will be an Olive Walk Talk with time allowed for a question and answer period. Then, from 1:30 to 3:00, Councilman Bradley will take part in a drop-in seminar and panel discussion. Dinner for Bradley will be held in the Athenaeum at 6:30, with many active campus figures invited.

Policeman to Politician

Formerly a police officer, Bradley has worked his way to a position on the Los Angeles City Council. He has long been active in achieving multi-racial politics. Recently, he gained nationwide attention in the Los Angeles mayoralty campaign.

With Bradley during his visit will be several outstanding local Negro leaders. Among these will be Samuel Sheats, Pasadena lawyer active in

school reform, and Donald Wheel-
din, writer for the LA Times.

Bradley Speaks!

The topic of the afternoon seminar will be "Political and Technical Issues of the Urban Environment." Dr. Roger Noll, associate professor of economics, Lester Lees, professor of aeronautics, and Dr. Norman Brooks, professor of civil engineering, will also be participating in the seminar.

Friday night, at 8:30, Bradley will be at the Civic Auditorium for an informal reception, along with former minority political candidates. The Committee for Ethnic Studies is sponsoring this reception. Tickets are available at the Y office.

Commune Visitors

On January 26, two members of a commune and authors of the periodical "Vocations for Social Change" will be at Caltech for a Y program. They will be hosted by Kostia Bergman and Jim Beck.

A drop-in seminar in Winnett Lounge from 4 to 6 p.m. will provide a forum for any questions concerning them or their publication. The bulletin consists mainly of listings of jobs that would help to bring needed social change while providing gainful employment.

ASCIT Musical

Cancelled for Spring

There will be no ASCIT Musical this spring. The traditional musical was cancelled because of the lack of staff and time. Originally scheduled was *Brigadoon*, a production involving large amounts of choreography and a good orchestra.

When this became impossible, it was decided to organize a musical revue. This plan was dropped when no production staff could be organized.

Come and Have a Ball



Photo by Moskatek

Feeling down? Come up to the HIGH LIFE of the PARTY-PARTY: featuring — live — MOJAVE HONEY and, of course, the perennial Thirty foot Liberatorium. Festivities start at 8:30 p.m. tomorrow night (Friday) in Culbertson. Admission to anyone who can come. No charge to ASCIT members.

Editorial

Barbarism and the Student Houses

Among the most primitive Bedouin tribes, wandering in poverty throughout the deserts of the Near East, it is an unending tradition to honor the stranger and the guest. Such tribes are among the fiercest in war and the most primitive in emotion. If such people as these can understand the notion of common courtesy to the stranger, then why can't students of the most developed intellect restrain themselves from allowing their most primitive emotions let loose?

This is the reaction of the *California Tech* to a most disturbing incident in a student house last week. A Journalism class En15 meets in Page House dining room each Friday at noon. The purpose of the class is to discuss the previous week's issue and to critique the writing and concepts in it. At the beginning of the meeting, an individual confronted the *Tech* staff with the fact that the *Tech* had not printed a letter by himself and four others in its week's paper. We replied that we had deemed the letter highly libelous in its innuendo and had been advised against printing it. In the process we had verified the lack of concrete evidence with the subject of the letter. After some debate the individual left and the meeting continued.

As the class broke up, several members of the house stood in front of the door blocking the exit of one of the *Tech* staff members, the individual who had investigated the assertion of the letter. The members of the house attempted to "shower" the individual and when they were met with resistance and a polite request to leave way, only responded with more force. Eventually two of the staff intervened, ending the potential brawl. In the process a large umbrella was broken by the house members. Someone could easily have been hurt if the force had continued any further.

Besides the fact that there was no issue at stake, because any publication has the implicit right to choose what to print, and beside the fact that had the subject of the struggle chosen to do so he could have filed kidnapping charges, the fact remains that the behavior of the Page House members involved violated any code of courtesy that even the most primitive tribes of Africa would have considered implicit. There is something seriously wrong with house life if it produces gross and violent behavior. We know that this is not an isolated incident; indeed, it is only an example of the behavior exhibited by members of the Caltech undergraduate community influenced by group standards.

We of the *California Tech* will probe into the causes of such behavior and will continue writing editorials to the fact. Next year, there will be female students on campus. How are we to believe that such behavior will not be directed toward them?

-Ira D. Moskatel

Throop Beat

Co-Techs Not Only 'Brainy'

by Etaoin Schroedlu

Pursuant to my official duties as a member of the Admissions Committee and a faithful correspondent, I set myself the task of investigating the file of female applications received by the Institute to date. Let me haste to reassure you that there are indeed some good-looking wenches in the lot, and a large number of wretched photographs, from which nothing definite can be concluded. There are also a few girls who, off their board scores and grades, figure to be sure admits; I saw three or four of these.

And there are a dozen or more who figure to have a good chance at admission. For all those among you who are interested in figures, the intersection of the set of good-lookers with the set of admissible candidates is non-zero. Enough said until after the Committee deliberations are held.

Odd BODkims

The ASCIT trolls have done it again! It is neither false nor original to claim lack of fiscal responsibility on the part of ARC authorities, but new evidence has come to light of

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BOC Letter to Brown On Security Issue

Dear Dr. Harold Brown:

The Board of Control, in its responsibility to protect the Honor System, has become increasingly worried about the climbing number of thefts on campus. Although, to the best of our knowledge in as many of these thefts as have been investigated the suspects were individuals not associated with Caltech, and therefore we do not feel that the Honor System is threatened from within, yet we feel that the present situation of insecurity destroys some of the freedoms which the Honor System explicitly strives to create. Three car thefts and three armed robberies in the past two months are sufficient to convince anyone to keep his door locked all the time and to look with mistrust at unfamiliar faces. We think such a situation is harmful to the spirit of mutual trust which the Honor System ought to create. We feel measures should be taken to alleviate the situation and prevent its deterioration to the point where intervention of outside forces will become necessary. One such specific

measure we recommend is contained in Ken Charles' PROPOSAL for increasing the number of security officers on campus. Their present number means that only two officers are available for protecting our seventy-eight acre campus at night; that even during daytime more than a quarter of an hour has often to elapse before a call for a security officer can be answered. We think that such a measure would greatly enhance the efficiency of our security system without in any case creating a more restrictive atmosphere on campus. We realize that the problem needs further study and recommend that an investigation be made into the causes of the increase in crime and specific countermeasures formulated by a responsible body.

For the Board of Control
Leonidas J. Guibas
Ruddock Representative

Ed. Note: This letter to Dr. Brown is published at the request of Leonidas Guibas and with the approval of Dr. Brown.

Goetz Dies, New Trustee, Moon In News

Caltech Pollution Specialist Dies of Cancer

Dr. Alexander Goetz, 72, retired associate professor of physics at Caltech, died Monday, January 12, at his home in Altadena two days after receiving the Officer's Cross of the Order of Merit from the West German Republic.

Dr. Goetz, who succumbed to cancer, received the medal from Dr. Hermann Saumweber, acting German consul general in Los Angeles, for his research in the field of air pollution.

The physicist, who joined the Caltech faculty in 1930 and retired in 1966, specialized in studying how minute particles called aerosols pollute the atmosphere.

Biaggini Chosen for Board of Trustees

Benjamin F. Biaggini, president, chief executive officer, and director

of the Southern Pacific Company, has been elected to the board of trustees of the California Institute of Technology.

The railroad executive and business and civic leader, who resides in San Francisco, becomes the 43rd member of the Caltech board, said Dr. Arnold O. Beckman, board chairman, in announcing the appointment.

Born in New Orleans, Biaggini was graduated magna cum laude from St. Mary's University of Texas in 1936, and later completed the Advanced Management Program of the Harvard School of Business. He is a member of the advisory council of Stanford University's Graduate School of Business and a trustee of St. Mary's University of Texas.

Lunar Dust Found 4.63E+09 Years Old

The average age of lunar dust brought back by Apollo 11 is 4.63

billion years, which is as old as anything measured so far in the solar system, Dr. Leon Silver, professor of geology, reported January 8.

"This dust is a mixture of many types of fragments from many sources," he told the first Science Conference on Lunar Materials sponsored by the National Aeronautics and Space Administration.

Dr. Silver made a mass spectrometer analysis of lunar dust and five fragments of moon rocks, all from the same site. Four of the rocks showed an age of 4.1 to 4.2 billion years and the fifth (a hardened mass of dust thrown into the area by impact from some other region) showed the older, 4.63 billion-year age.

The dust he analyzed is a composite of the younger rocks and other material. The fact that the dust, which presumably includes material from the younger rocks, is older than these rocks, indicates some of the dust material may be older than 4.63 billion years, Dr. Silver said.

David L. Wilson

Guns And Butter

It is rumored that the Nixon administration has been secretly testing new ways to solve domestic problems without cutting back on military spending. A spokesman for the administration said that the guns and butter dilemma is a false one; "We have guns and butter already. Our only problem is the greasy finger on the trigger."

The administration's idea is to use one problem to solve another, thereby saving money. In implementing one money-saving plan, Los Angeles freeways have been used for a "Littering Highways is Fine" campaign. An off-shoot of the ABM (Always Blow Money) project, the idea was to eliminate garbage and save on freeway repairs, too. The garbage trucks have been constantly throwing trash out as they travel the freeways, thereby eliminating unsightly garbage dumps. Cars, which were always stuck behind the trucks, would flatten the rubbish, thereby resurfacing the freeways.

The idea sounded good on paper, but on the road it stinks.

The Union Forever

Complications arose when rival unions after it was decided that the garbage men would continue with the job of garbage collecting and street resurfacing. The Garbage Men's Union, mostly black workers, refused to hire as trainees the white, road-surfacing workers who were put out of work by the plan. The Road Resurfacers' Union protested to the President, who was forced to set-up a quota system for whites in the Garbage Men's Union.

Another money-saving plan couples space research with the population problem. (Although some thought the population problem could best be coupled with war problems, the more subtle solution was decided upon.) It was decided to have space program scientists concentrate on finding space on Earth. Once they found it, the growing population would have

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FRANKLY SPEAKING

by Phil Frank



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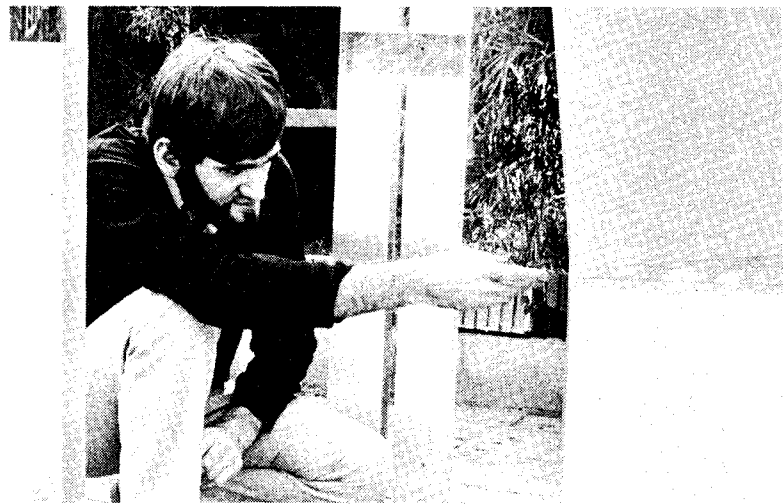
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Tech to Have Art Show

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somewhat dissimilar educations. Henry Seldis, art critic for the *LA Times* has described his pieces, done in Lucite and aluminum, as futurist in style. Unusual optical effects are an integral part of his work.

Not Strangers

Although this is their first show together, Freddy and Paul are not strangers. Coincidentally they both

teach courses here at Caltech, as part of the Institute Art Program. Freddy teaches sculpting, while Paul teaches printmaking. Also coincidentally, Paul was judge at the All-California Invitational show, where Freddy was exhibiting. Paul was told that he would be exhibiting with Freddy shortly after he awarded Freddy first prize.

Frosh Camp Smith Rampant!

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Frosh Camp is generally the first thing that an incoming student sees of Caltech. Thus, it is reasonable to assume that this introduction into the Caltech community should be an invigorating and learning experience. Even if this experience is absent, Caltech has the obligation to try to present the best possible Frosh Camp.

In order to properly evaluate this year's and past Frosh Camps, the greatest number of responses to the camps should be obtained. A group of frosh, seeking a Frosh Camp revival, invite any frosh or upperclassmen to an initial meeting to discuss the Frosh Camp. This meeting will be held in Winnett Student Center, Clubroom II, at 7:30 p.m. tonight. This meeting will probably not last too long, so come and be heard.

two-ton cars on half-inch plywood. Scraps from that creation provided some of the lumber for the form for Page's ramp.

Smith Honored

The ramp was christened on Monday, with the honoree, Dr. Dave Smith, presiding at the ceremony. Carl Constanten in Page, had the honor of being the first speedster on the ramp, setting a new Olive Walk record for the Greasy Street to Lloyd Courtyard route in the process in his olive drab Corvette.

Smith commented that he had planned to hold a christening ceremony on Friday, however, Page "upstaged" him. The genial Master, who seldom has been upstaged, took it all in good spirits.

Wright & Logan

Doctor Your Way Through Draft

To the best of our knowledge, all the information in this column is accurate at the present time. However, judgements by the courts or changes in the Regulations occur often. A counselor or lawyer should be consulted before taking any major action that will affect your Selective Service status.

MEDICAL FITNESS

A very large percentage of registrants are medically unqualified for military service, yet are inducted because of (1) their own lack of knowledge about medical disqualifications and (2) the Armed Forces' superficial physical examinations. The full list of disqualifying medical conditions should therefore be read by each registrant. The list is the Surgeon General's List of Army Medical Fitness Standards, AR 40-501, which can be found in the Regulations section of the Selective Service Law Reporter (there's a copy in Millikan library). A few of the things mentioned in the list are allergies (to bee stings, even), bronchial asthma, orthodontic appliances requiring active service (braces), and flat feet.

Every registrant should talk to his parents and doctors to determine as accurately as possible all of

his medical history, since most claims for medical deferments require a detailed history of the condition. This information should be gathered and kept even though you may not now appear to be disqualified for service, since a further development of one of these conditions (or a related one) may depend on the past history in order to justify a disqualification. A good knowledge of your medical history is also necessary in order to be able to adequately fill out the Statement of Medical History at your pre-induction physical examination.

MEDICAL REPORTS

Any claim for a medical deferment or exemption must be backed up by good medical (or psychiatric) reports from your doctors. An outline of the elements required for a good report should be obtained from a counselor or counselling center (AFSC in Pasadena) to give to your doctors. Briefly, such a report should be addressed to "To Whom It May Concern" but should be given to the registrant or his attorney. The registrant's name and Selective Service number should appear at the top. He should keep the original and have at least four copies made for distribution. The

Scudder Chips In

Anthropology Is Good For You!

Ed. Note--This is the first in a series of interviews with Caltech faculty members by the staff of The California Tech. We hope that these interviews will serve to draw attention to the exciting work being done by many of our faculty in many different fields, and serve to tell of faculty members who are interesting, in their own right, as people. The choice of subjects, and the order ascribed to them, is not meant to be an expression of any policy of the Tech or any of its staff. The first subject is Dr. Thayer Scudder, Professor of Anthropology.

by Etoaoin Schroedlyu

Can a prospective professional mountaineer-turned-anthropologist find happiness at Caltech? What do the Gwembe Tonga of Zambia have to do with REL? These questions and others were answered during a *Tech* faculty interview with Dr. Thayer Scudder, Professor of Anthropology at Caltech.

Anthropology can serve a very valuable purpose to non-anthropologists, in addition to the enjoyment it provides its own practi-

tioners, in the opinion of Dr. Scudder. Many Americans, for instance, have an oversimplified understanding of other cultures in



the world, and tend to assume either that all people everywhere are fundamentally the same as Americans, or that other life styles are obviously inferior to our own.

Nick Smith

We're Not Coming!

Biafra has surrendered, or as some prefer to phrase it, the rebellion in Nigeria is over. General Ojukwu, the Biafran leader, has gone into exile after uttering dire warnings of what the Nigerian troops would do once they got the chance to murder and pillage the Biafrans. General Gowon of Nigeria assured the world that there would be no murders and reprisals, but at the same time refused to let emergency food be flown in to feed the starving Ibo people.

The war between the two parts of Nigeria was peculiar, and, during the 30 months of fighting, caused a great deal of international confusion. Seldom does one find a war

where Rhodesia, France, Sweden, and Red China support a breakaway faction while opposed by Britain, Egypt, and the Soviet Union. The United States lost by staying amazingly neutral, thus angering both the Nigerian Government and the Biafran people.

Had Biafra's secession been successful, both Nigeria and Biafra would have remained poor for many years. The part that tried to break away contains most of Nigerias's oil, minerals, and industrial potential. The Biafran region cannot, however, produce as much food as a growing nation needs. Most of the natural wealth of the region would have been spent feeding the people. The rest of Nigeria is food-rich and mineral-poor. This Jack Sprat situation was obvious during the war. Each foot less the Biafrans could farm meant one more hungry child.

General Gowon, of Nigeria, is fed up with nations that either stood on the sidelines or profited off the war advising him of the dangers of peace. He feels that the war would have been over much sooner had not supplies been airlifted to the Biafrans. In particular, he is fed up with the United States, which officially deplores secession, but shipped food anyway. Most of the countries involved (Egypt, Russia, France, etc.) stepped in for selfish reasons, particularly money and oil. Not one country seemed to give a tinker's dam about the sovereignty and viability of Nigeria. This is why he is refusing aid now.

For once, very few Americans have become involved in a war. There were no Abraham Lincoln brigades in this war, no fair-haired American flyers coming to the rescue of the ravaged land. It is possible that this time Americans just weren't interested, but then again, what was so interesting about fighting in Spain? Evidently all of those people who like to go and fight in foreign lands are already in Viet Nam (or Thailand). American idealists are evidently changing, too. Instead of going off and fighting for somebody else's freedom, they just send money now.

"Lafayette, we're not coming, but here's a check."

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Anthropology, Dr. Scudder feels, serves the purpose of transmitting knowledge about other life styles and their 'integrity', or internal consistency. Realization of the diversity of life styles in the world can help us to understand different cultures better, and give us a wider perspective on our own culture, and more detachment in studying it.

Unique Subgroup

Dr. Scudder is the only permanent anthropologist on the Caltech faculty, but he does not seem to miss the large anthropology departments, such as at Harvard, his alma mater. "I enjoy the company of non-anthropologists anyway," says Dr. Scudder, who also feels that he would not enjoy the regimentation of a large, bureaucratic department. He enjoys the freedom which he has here; "I decided last month that I wanted to take a Leave of Absence third term to go to Africa, and it was easy to arrange because my spring course isn't terribly crucial to anybody." Not having students majoring in anthropology is not a handicap either, as anthro students 'aren't terribly interesting' until after they have done fieldwork, by which time they are almost ready for their degree, and anyway Teachers are perhaps more 'intellectually stimulating' to have in class.

Caltech also offers the opportunity for a great deal of interdisciplinary study, which Dr. Scudder feels is of tremendous use. It is in this way, of course, that Dr. Frederick Thompson's REL computer language is related to the Tonga tribe in Africa, which is Dr. Scudder's particular study. REL is a computer language which uses English as its language, and Drs. Scudder and Thompson are testing out the applicability of REL to the Tonga data base. Eventually they hope to develop REL to be of use in studying the workings of the human mind, a prodigious undertaking at least, and the use of the Tonga data should aid this development in two ways.

The use of this data should help to generalize and develop the capabilities of REL itself. Beyond that, however, Dr. Scudder is concerned with the problem of how individual people, who are able to operate in more than one cultural system, switch back and forth between systems. For instance, the Tiv of Nigeria do not believe in chance; when something goes wrong, it is because somebody has used sorcery to cause it. Americans, of course, can accept natural misfortunes. What kind of world view would a Tiv, who was also trained in American schools, develop?

Sorcerer's Apprentice

The development and interrelations of different life-views are of great interest to Dr. Scudder. He hopes to work with Dr. Thompson in setting up laboratory small-groups theory (which could be held in the new Booth addition now under construction), field studies in the real world, and computer-simulation models of human behavior. Perhaps this approach can shed light on such problems as the above, about which we know little or nothing.

This sort of investigation would be an example of how Dr. Scudder would like to see Caltech expand graduate studies in the social sciences. "I would not like to see a graduate school established here in a traditional discipline of the social sciences, such as anthropology,"

Continued on Page Seven

Bob Geller

"Fourth?"

North
S Q 9 5 3
H J 5
D K J 8 4 3
C Q 8

seeds O'Malia's team went on to win the event.

Dangerous Decision

Since North and South played weak notrumps, South's one no-trump rebid showed a strong notrump. There was no danger of missing a major suit game, since North had the option of using second round Stayman—a two club rebid—to find a major suit fit. Once the spade fit was found the bidding was natural. Sitting South, I made the final decision to bid game, rationalizing as I did that perhaps my partner had a singleton club and was underbidding for that reason. Anyway, I told myself, we had to get twenty-seven imps back from somewhere. When Soloway, West, doubled I started to think of good excuses for my teammates.

On With the Play

After the opening lead of the three of hearts my spirits brightened somewhat since I now knew that the trump finesse was winning. Soloway is well known for doubling close games with trump shortness and I knew (hoped) that he was up to his old tricks. In any event, it was apparent that the way to play the hand was to develop tricks in the side suits. After the heart three was covered by jack, queen, and ace, I led the queen of diamonds, taken by Soloway's ace. I won the heart return and led a low club toward dummy. Soloway misguessed by rising with the king and the hand was over. Paul led another heart, ruffed in dummy, starting to shorten dummy's trumps. Hermine Baron, East, after a club lead to her ace, gave me a ruff-and-sluff by leading her last heart, attempting to shorten dummy's trumps so her king of spades could not be finessed against. The position was now:

North
S Q 9
H -
D K J 8 4
C -

West East
S 6 S K 7 4 2
H - H -
D 9 2 D 10 7
C 10 9 6 C -

South
S A J 10 8
H -
D 6
C J

When your opponents have reached a game contract there are two ways they might have bid to get there—confidently or haltingly. When your opponents have bid a game confidently—that is, neither one of them has ever tried to sign off—you should wait for a moral certainty before you consider doubling them. But if the opponents have huffed and puffed their way into game, just about any reason to suspect they will be receiving bad splits is enough of a reason to double. The opponents clearly have nothing in reserve to cope with the bad splits you know they will be getting. Shortness in trumps is as valid an indication that the opponents will be getting bad splits as is length when the opponents are playing in a known four-four fit.

However, today's hand, played in a first round match in the Pacific Southwest Knockout Team Championship, between Paul Soloway's team and Barney O'Malia's squad, proves that bad breaks do not always defeat a close game if it is played well. Soloway has won more master-points than any other player in each of the last two years and he was joined by an all-star team of his fellow Los Angeles experts: Hermine Baron, who is fifth on the all-time master-point list, Dick Henderson, who was eighth in last year's master-point standings, and Charles MacCracken, one of the best players in the San Francisco area. Naturally the Soloway team was top-seeded and heavily favored over their opponents, Barney O'Malia, Matt Bartosik, Bob McDonnell and Bob Geller. O'Malia's team overcame Soloway's twenty-seven imp half-time lead to win the match by five imps. After upsetting the top

THE CRITICAL EAR

Brahms: Variations on a Theme by Haydn, Op. 56a; Variations on a Theme by Handel, Op. 24 (Arr. by Rubbra) Eugene Ormandy—The Philadelphia Orchestra (Columbia MS 7298)

These two works of Brahms show his ties to earlier composers; he deals with a classical form but treats it, to some degree, in a manner consistent with the Romanticism of his contemporaries. The Handel variations were written for solo piano; the Haydn, for two pianos. Brahms himself later provided the orchestration for the latter work, which is certainly the more famous of the two.

Ormandy and the Philadelphia do a good job on the Haydn; their performance, while not great, is quite expressive. The Handel variations are not so good, not because of any failure of the orchestra, but because of the orchestration of the work. Rubbra's arrangement lacks smoothness, perhaps because of an extreme faithfulness to the original piano score. The orchestra and conductor make the best of a bad thing, but do not carry it off.

—D. Agnew

Beethoven, Trio No. 4 in D Major, Op. 70; Brahms, Trio in C Major, Op. 87: Rudolph Serkin, piano; Adolf Busch, violin; Hermann Busch, cello. (Columbia Odyssey 32-16-0361)

This record is a reissue of two performances of the Busch Trio, recorded originally about 1950. The fidelity is very good, but, of course, the record is monophonic (no stereo simulation has been attempted).

In the Brahms Trio, one of the few he wrote for this instrumental

When the nine and queen of spades were led from dummy, East correctly did not cover either one. Now two more diamonds were led from dummy; the high jack of clubs was being pitched on the second one. The lead was still in dummy at trick twelve and East was coupé. She would be overruffed no matter which spade she played and declarer made four spades doubled, losing only two clubs and a spade. Four spades was down two at the other table so the O'Malia team gained twelve international match points.

Intercollegiate Bridge

The Caltech representatives to the Regional Round of the 1970 Intercollegiate Bridge Championship will be Bill Delaney-Dave Dobrin and Jim Haberly-Jay Siegel.

combination, each of the four movements states and then develops a fundamental theme. The performance is very good; the Busch Trio provides the correct combination of Classical precision and Romantic expressiveness to illuminate the presence of both these elements in Brahms's work. There is one definite flaw, however; very often the piano is subjugated to the strings so much as to hardly be heard.

The performance of the Beethoven trio is not even marred by this flaw; in all ways it is an excellent performance. The Trio is in three movements, two rather lively and the third (the middle movement) intensely sad. The performers have done a superb job of conveying these moods in a expressive and moving rendition.

—D. Agnew

Prokofiev: Suite from The Love for Three Oranges; Scythian Suite. St. Louis Symphony, Edouard van Remoortel, conductor. (Columbia Odyssey 32-16-0344)

These suites are part of Prokofiev's earlier work; both were written prior to 1920. The Scythian Suite, the earlier of the two, is based on a legendary story of the barbaric tribes of Scythia (Prokofiev's birthplace). The prevailing mood of the suite is one of pagan ferocity in an atmosphere of barbarian splendor. This is achieved by a considerable use of dissonance and highly irregular rhythms to produce a total effect of wild confusion.

Unfortunately, the St. Louis Symphony has carried this somewhat too far; the brasses are given heavy emphasis and played so loudly that the more splendid sections of the suite become a mere cacophony of noise.

This is not true of the other suite. Derived from an opera to begin with, it is considerably tighter and much more tuneful. The orchestral work is more restrained, although Prokofiev occasionally overuses the brasses and percussion. The Suite is quite good; two of the movements (the March and Scherzo) are very well-known, and the others deserve similar repute.

—D. Agnew

Haydn: Symphony No. 18 in G Major. Charles Mackerras with members of the London Symphony Orchestra; Symphony No. 19 in D Major, Symphony No. 20 in C Major. Mas Góberman—The Vienna

State Opera Orchestra. (Columbia Odyssey 32-16-0342).

This is Volume 7 in a Columbia Odyssey series of the symphonies of Haydn: this group of early works shows wide variations in form and to some extent in style. The first two symphonies are not particularly notable. They are, however, as might be expected of Haydn, good compositions, pleasant to listen to.

Both Charles Mackerras and Mas Góberman have provided the kind of solid, workmanlike performance suited to such works. The rendition of the Symphony No. 20 is very good, as is the work itself; it is better known than the other two, and deservedly so. For those who like Haydn symphonies, this is a reasonably good album, and one hopes that Columbia will continue this series.

—D. Agnew

MARK SLADE'S NEW HAT: Tetragrammaton.

Mark Slade, for those of you who don't know, is one of the stars of NBC's "High Chaparral." The album title is from a short statement on the jacket. According to Mark Slade, "Everybody should try on a new hat once in a while." It seems that he decided that his new hat was singing. He was wrong.

The album is mostly in a new country-western style, with two instrumental cuts from the "singer's" TV show. It has such songs as "Skip a Rope," which, in a better version, was popular about a year ago. There are a few humorous songs on the album, and the lyrics and music are quite good in spots. The only problem with the album is Mark Slade himself. He doesn't seem to be able to sing. This may make him unique among television western stars, but it is true. Even Ben Cartwright could sing rings around this album.

As long as I'm talking about the bad points of the album, I should

Continued on Page Five

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COMING FEB. 18 "OLIVER"

The Tech



About Town

For the time being, this column will only list things where there is no known age limit for admission. This is because your friendly Entertainment Editor is fed up with arbitrary age limits. So, let's see what's happenin'!

Ash Grove at 8162 Melrose, is featuring Doc Watson from this Friday until whenever he leaves.

Multi-Megabuck

Dolly' Over-done

Prepare for nuclear war! Twentieth century-Fox has broken the test-ban treaty by releasing a 22 megabuck bomb on an unsuspecting America. It is not that the movie is that bad, it's just that "Hello Dolly!" is overproduced, over-directed, way-overchoreographed, and overacted.

Barbra Streisand apparently has the idea that acting is playing Barbra Streisand, with maybe a little Mae West thrown in. Walter Matthau, Michael Crawford, and the rest of the cast is okay; but the only stirring performance is by Louis Armstrong in singing the title song with Streisand. Director Gene Kelly, an ex-dancing great, does adequate direction, but totally overemphasizes the production number in this musical.

If you like big dance numbers, good singing or Streisand, see "Hell Dolly!" when it comes around to a local moviehouse, otherwise forget it; and for heaven's sake, don't pay \$3 to see it at Grauman's Chinese—you might encourage them to make more dumb musicals like this.

—Bruce Reznick

(Maybe the address will appear correctly this time.)

The Golden Bear way down in Huntington Beach, has P.G. & E. and Of The People Jan. 23-25. The address is 306 Ocean Ave., which, disguised as the Pacific Coast Highway, leads a never ending battle... but that's another story. Just weekends.

The Ice House, at 24 N. Mentor, (which is nine blocks from Winnett Center) has Tim Morgon until Feb. 1. Also on the bill are George Hopkins and Lambert & Nuttycombe. See *Frets and Frails* for details. No regular show on Mondays, just hoots.

Shelley's Manne Hole is the place to go for jazz and all that jazz. Willie BoBo is there until the first of next month, at which time he will be repossessed. In addition, Shelley Manne plays on weekends. The place is at 1608 N. Cahuenga Blvd. in Hollywood.

The Troubadour, at 9081 Santa Monica Blvd in Yortyville, has the Clara Ward Gospel Singers until the 25th. The big one starts on the 27th, when Phil Ochs and the Dillards do a double bill, right in front of your eyes. Monday hoots.

Whisky a Go Go, at 8901 Sunset, has Ten Wheel Drive and the Allman Brothers until the 25th. Special show on the 28th, an evening with the Chamber Brothers. Sounds good, for the strip.

The Concert Thingie this week isn't all rock.

Royce Hall, at UCLA, is overwhelmed with quality for the next couple of weeks. From now until the 25th, the Harkness Ballet troupe dances. Alirio Diaz is featured at Royce on the 30th, wotj the Herbie Hancock Sextet on the 31st. Variety!

The Long Beach Arena has a concert scheduled for the 24th, featuring Sweetwater, Taj Mahal, Eric Burdon, and Love. They follow it with the Doors, Albert King, and the Flying Burrito Brothers on January 31st.

The Shrine Auditorium goes country-western on the 24th, and features Hank Snow, Connie Smith, Sonny James, and Conway Twitty. (I kid you not. Remember the Conway Twitty jokes on "Hennessy?") Remember "Hennessy?")

Critical Ear

continued from page four
mention the fact that the album cover is one of the worst that I've seen in a long time. Mark Slade looks like he's trying to hide the fact that he's swallowed a pickled artichoke covered with cat fur. The inside photo is of a felt slouch hat, in perfect close-up. It is appropriate for a felt slouch record.

This is an album suitable only for musical masochists who love to torture their ears with lack of music. Maybe Mark Slade should give up hats entirely. His new one is worn out already.

—Nick Smith

The El Camino College Auditorium has the Juilliard Quartet every Friday and Sunday from the 25th until Feb. 8th.

The Forum, in Inglewood, is having a concert on the 31st, featuring the Isley Brothers, the Dells, and Shango.

For future reference and early ticket butying, Judy Collins will be doing three concerts in the L. A. Area soon: Feb. 13 at the Long Beach Arena, Feb. 14, at the Santa Monica Civic, and Feb. 28 at Bridges Auditorium in Claremont. The Jefferson Airplane will be at the Anaheim Convention Center on Feb. 7.

Tickets to a lot of these things can be ordered at the Beckman Ticket Office, and those that can't can be ordered elsewhere. Be somewhere.

Technical Perfection

'Secret Service' Superb

by David N. Dobrin

In *On Her Majesty's Secret Service*, the new James Bond flick now playing around town, producers Albert Broccoli and George Saltzman present an entirely new approach to the genre which they originated. There are no fancy, impossible gimmicks, although there are a number of interesting possible ones; the plot line is not subordinated to the character or the action. James Bond even becomes human.

Those of you who have read Ian Fleming will be pleased to learn that Messrs. Saltzman and Broccoli have chosen to follow the story book almost exactly. In the spots where they stray from the story their purpose is to flesh out and modernize the original.

Plot

The movie is set before *You Only Live Twice* and after *Thunderball*. James Bond (George Lazenby) MEETS Tracy (Diana Rigg), the daughter of the Capu of the Union Corse. Tracy, understandably, has a number of emotional problems. In return for Bond's help with Tracy (Bond becomes a combination lover, nursemaid, and psychiatrist), the Capu helps Bond to discover the whereabouts of Ernst Stavro Blofeld.

Bond proceeds to the hideout of his sworn enemy disguised as an effete Scottish scholar of heraldry. While engaging in the seduction of the traditional bevy of Bond girls and in a number of bad puns, Bond learns of Blofeld's newest villainy and escapes. During the escape scene (the best part of the movie) Bond meets Tracy and proposed to her. Bond and Tracy continue to be chased, and Tracy is caught in a magnificently conceived and photographed scene. Bond and half the Union Corse return to Blofeld's hideout, save Tracy, and foil scheme. And in a real switch Bond marries the girl.

Technical Triumph

The movie is a technical triumph. The fight scenes are edited so that only the punches and the immediate reactions are shown. Before the

David Miller

The Straight Dope

Rather than write my own column this week, I just decided to reprint one by Garble Tom Headweak, president of Matador College and executive editor of *The Straight Dope* magazine, which ballyhoos itself as "a magazine of undermining." This column is from that magazine.

The rumored death of Paul McCartney has inspired my interest in creative reporting. After weeks of creation I can present the following report.

Much was said during the campaign of '68 about the appearance of the New Nixon. Clearly, this is not, as was rumored, a metaphor for changes in the Richard Nixon we knew and loved (or whatever). There is a new Nixon; the evidence has been under our noses and we have had colds. People interested in details can look at the excellent article on the substitution which is on the bulletin board in the basement of the Dabney Hall of Humanities.

Gore Vidal and William F. Buckley are the same person. Originally it appeared that this was a remarkable example of careful separation of two *personai*, but the intense dislike they show for each other is more than a matter of acting to throw would-be secret-spoilers off the track. Astute observers will notice, of course, that they did not exchange blows at the Chicago convention, because it was a physical impossibility (unless a stand-in wa used). Such situations must generate a very high frustration level in whichever of the two is for real. It must be unpleasant to disagree with yourself about everything.

A much higher percentage of personality overlap is evident in Jaqueline Suzann and Truman Capote, both of whom are actually figments of the imagination of Tiny Tim. Readers are welcome to note any parallels they like; I comment only that Capote claims that he has a tape recorder in his head, while Tiny Tim is widely renowned as a living gramophone; and neither Truman nor Jaqueline have done anything worth noting since Tiny Tim became famous. This most definitely includes "The Love Machine". He has no time to be them anymore.

Howard Hughes is himself, but Las Vegas isn't, having been destroyed by a government bomb test. Hughes' money had largely gone to finance the rebuilding of Vegas; all highways within 85 miles have been given $3.6 \times 10^{(-5)}$ radians/foot greater curvature so that they will reach the new site, which is four miles north of the old one. Hughes could tell the world what has happened, but because of his reclusive habits, he has not noticed it himself. He is in for a nasty shock if he ever looks out of his window again.

There are actually four Leonid Brezhnevs. Unfortunately, all of them are clumsy. In addition, though they were all created at the same time, by the same doctor, from what was left of the same original, (after the accident on the Nerzhidnye dam on May 12, 1939) they cannot agree on anything, except that they should be in charge, and on this they can outvote almost anyone. At least one of him (or them) spent about six months in prison in 1957, while Khrushchev was posthumously accusing Stalin of purgery. One of them is also said to resemble Vassily Khloposlinkov, but it doesn't help much.

Spiro Agnew is himself because no one else wants to be.

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THE MUSEUM is an international folk dance cafe in Pasadena that encourages the pleasures of ethnic dance and music. The most esoteric requests can be filled, while the more common joys are sensitively provided for: meeting friends, playing chess or backgammon in the patio, or simply mending frayed nerve ends over a cup of coffee. The mood is casual, the people are warm and enthusiastic.

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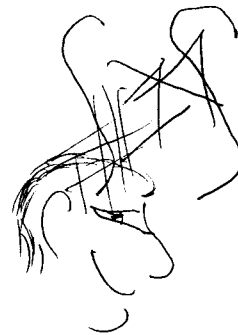
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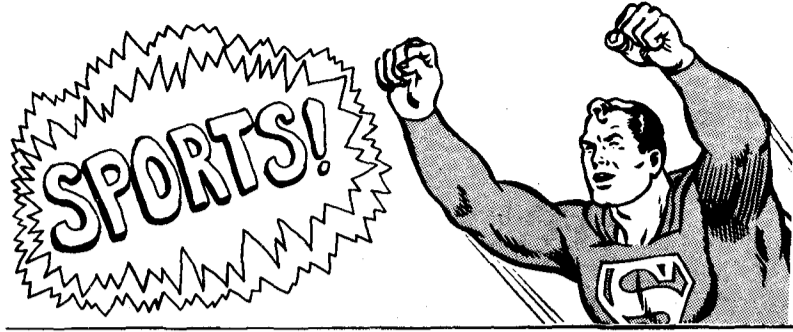


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LA Tabbed to Nip Houston in NL West

by Etaoin Schroedlu

The time will soon be upon us when major league baseball will again commence. So, in the honorable tradition of all pre-season pundits, armchair philosophers, and pressbox experts, your intrepid, star reporter will bring you his official Major League Baseball Predictions. They will come in several parts, to avoid total blowing of minds, and to permit me to reconsider later. Following is the National League West:

National League West

1. Los Angeles
2. Houston
3. Atlanta
4. San Francisco
5. Cincinnati
6. San Diego

1. **Los Angeles.** As usual, the National League West does not figure to be a runaway in 1970. Atlanta won it in 1969 with a stretch drive, but the Dodgers came from far back the year before to stay in the race until almost the end of the season, and figure to be back stronger this year. The big reason, of course, is pitching; nobody, not even the Mets, has a better Big Three than Don Sutton, Claude Osteen, and Bill Singer, who figure to win about 60 games between them again. The bullpen work is in the competent hands of Jim Brewer and Pete Mikkelsen, the latter of whom is highly underrated. The hurling behind these five aces is of questionable talent and durability, and prolonged absence of any of them would probably kill L.A., but the Dodgers have a habit of possessing enough pitching, and 1970 should be no exception. As for the rest, L.A. doesn't have great hitting, but they do have several solidly professional performers in such as Tom Haller, Maury Wills, Wes Parker, Willie Davis, and Jim Lefebvre, while the rest of the slack will probably be taken up by some of the younger kids, such as Bill Sudakis, Willie Crawford, Billy Grabarkewitz, and 1969 N.L. Rookie of the Year Ted Sizemore. This lineup has depth and versatility, and in general competent ability in the clutch, and Wills, Davis, and Manny Mota in particular can get on base and then move when on. These Dodgers are not a super team, but neither were the 1969 Mets, and look what happened to them. Front line pitching, depth, speed, and defense figure to edge the Dodgers through in a well-balanced division.

2. **Houston.** Last year the Astros rose from their perennial doormat position to finish at .500 in the West, after threatening for the pennant in August. The rise was based on great young pitching and some solid hitting, and Houston figures to go higher in 1970 on those assets. Last year Larry Dierker won 20 for the Astros, and some vet baseball men ranked him with such as Tom Seaver and Juan Marichal, and young flame-thrower Don Wilson won 16 in a season cut

short by arm ailments, while continuing his habit of pitching no-hitters. Tom Griffin won 11 to be N.L. Rookie Pitcher, and vet southpaw Denny LeMaster won 13, although losing more. In the bullpen vet Fred Gladding is helped by such as ex-Dodger John Billingham, Jim (Sting-) Ray, Skip Guinn, and Wade Blasingame. Elsewhere, John Edwards provides solid catching, strong RBI-hitting comes from Denis Menke, Doug Rader, and the Toy Cannon, 5-9 Jim Wynn, who tied an N.L. record in 1969 by earning 149 walks. Second baseman

Continued on Page Eight

Tennis Team Begins Practice

The Caltech intercollegiate tennis squad held its initial organizational meeting Monday, January 19, with Coach Lamb welcoming ten veterans and eight newcomers to the team.

The team has begun playing singles ladder matches. Any student thinking of participating in the racket sport is encouraged to contact Coach Johnny Lamb on the courts.

Included among the men returning from last year's squad are Ken Pischel, Andy Chow, Jim Crawford, Don Smith, Darryl Madura, Keith Edwards, Mike Muskin, Jarvey Risch, Neil Risch, and Bob Bell.

First-year netters are George Lantos, Don Franks, Bob Bechtel, Tom Studebaker, Larry Niren, Bruce Eisenhart, Bill Almassy, and Bill Loucks.

The 1970 varsity tennis schedule opens with Terminal Island Navy at Caltech on Thursday, January 29, at 3:00 p.m.

The Frosh/JV schedule begins with Caltech's back-up men traveling to Redlands on Valentine's Day, while the Redlands varsity comes here.

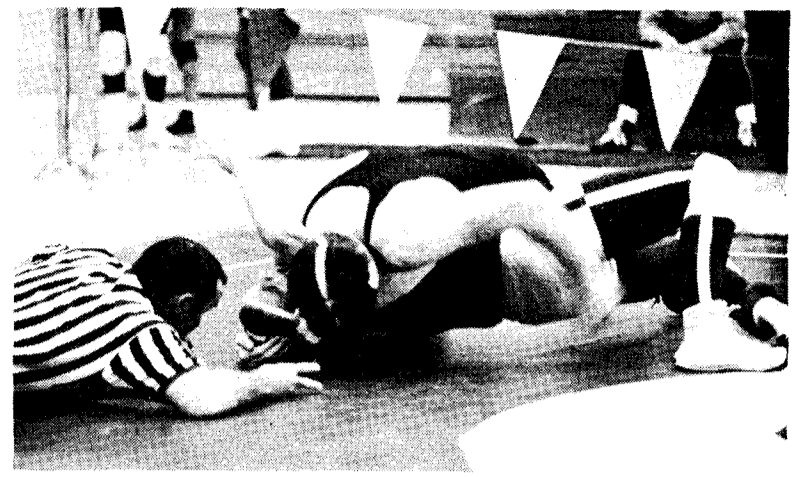


Photo by Fisher

Caltech wrestler Alan Beagle gains predicament on way to 6-0 decision.

Caltech, UCSD Tie for First In Mat Tourney

Caltech and the University of California at San Diego shared the first place honors at the First Annual Caltech Invitational Wrestling Tournament, held Saturday in the gym. Pomona College had the third highest number of points in the seven-team tournament.

No less than four Caltech grapplers became champions of their weight classes, of which there are ten. Gary Zieve, a freshman who

has gone undefeated in six matches this year, pinned his opponent in the finals to gain the championship of the 150 pound weight class. Doug Wood scored a decision victory in the championship round of the 158 pound class. Senior Alan Beagle took first place honors in the 190 pound class with two pins and one decision on his way to the championship. Finally, Caltech's heavyweight Bruce Johnson won everything in the unlimited class.

The final tally in overall team points saw UCSD and Caltech each with 58 points. Going into the finals Tech had trailed by two, 51-49.

Phil Gschwend, Caltech's 134 pounder, placed second in his class. Randy Lewis took third place, the consolation championship, in the 142 pound weight class. Techer Mark Morris placed fourth in the 118 pound class.

The Caltech matmen host L.A. City College at 4:00 p.m. tomorrow. This Saturday at 1:00 p.m. Caltech hosts a tri-meet with Pasadena College and UC Riverside coming to test their abilities against those of "our gang."



Certain Honorable Men

Continued from Page One

difficult practically, and less justifiable philosophically to demand certain standards of behavior in academic affairs. Hence the Board of Control feels at the present time that it **should not** ignore the non-academic side of the Honor System. Unfortunately, this attitude emphasizes a large credibility gap between "things that are violations" and "things that provoke Board consideration."

"Board-Prime"

One suggested resolution has been the establishment of a second board to deal with minor infractions. In certain respects this seems a reasonable idea. Such a "Board-Prime" could meet informally with defendants, discuss the alleged violation, and recommend compensatory measures. As of now the Chairman has to decide whether a Case Meeting is necessary. Under the proposed system, he could determine, not only this, but also which board it warrants. It is my impression that any severe action, e.g. suspension or expulsion, would call for the full machinery and discretion of the present system. This would leave available to the "Board-Prime," upon conviction, such things as reprimand, probation, fines, or strictly punitive measures.

To date, the Board has had strong objections to functioning as a punitive body. Punishment tends to generate resentment if tailored to the violation rather than the particular circumstances of the violator and the case. Evaluation of these latter factors can best be done in the context of previous cases.

Reservations

I have a fear that a secondary board, not having a full range of experience (or time), might have to rely on stimulus-response formulas, thereby to a great extent depersonalizing the application of the Honor System. It is hard to imagine, additionally, how another group could be as representative as the current Board, elected by the Houses and the Student Body at Large.

All in all, then, the Board is not convinced that setting up a "second line of defense" might not create

more problems than it would solve.

Non-Academic Violation

It is dishonest for the BOC to completely ignore non-academic violations if the Honor System is supposed to apply to the whole atmosphere of Caltech. Beyond this, some infractions are non-ignorable. For example, the EE Stockroom loses thousands of dollars worth of equipment a year—not all of it likely to be to off-campus persons. If we are unable to enforce our own rules, the administration will have to intervene. On the other hand, it is absurd to design a paranoid BOC.

The Chairman currently decides in a preliminary sense whether a possible violation has occurred (before calling or not calling a case meeting). He cannot on his own convict someone of an Honor System Violation or decide on a punishment. Quite rightfully, this must be done by the full Group. Yet in such borderline instances as are being discussed, the Board has considered extending the scope of the Chairman's job as outlined below:

The Chairman of the Board of Control shall be empowered, at his discretion, and with the agreement of the Secretary of the Board of Control, to:

- 1) Formally inform a person or persons that they have not acted in accordance with the "spirit" of the Honor System.
- 2) Write this person or persons a letter detailing the reasons for such an assertion.
- 3) Store a copy of this letter in the confidential files of the BOC (for up to 7 years) to be considered in the event of a future conviction of the person or persons.
- 4) Have the option of sending a copy of the letter to the Academic Deans.

The Chairman would not be able to actually convict an individual of a violation of the Honor System. He would not be able to inflict any punitive measures or demand reparation for damages done. (With respect to the latter, he may recommend what actions might be appropriate on the part of the persons involved, but this would

just be a recommendation.) In effect, he could issue a formal warning. Should someone feel himself unfairly treated, he can at any time call for a full meeting on his case. Other than the obvious differences, procedure here would parallel those used in cases now—such as full investigation, secrecy, and so on.

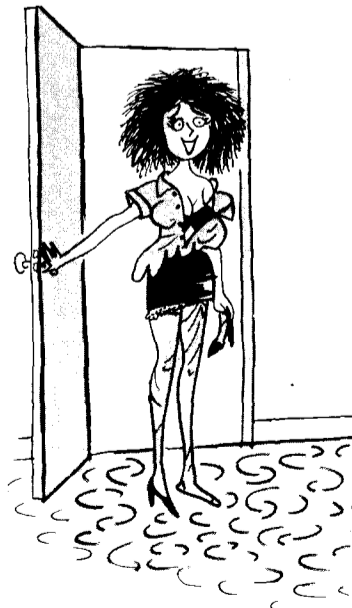
HONOR Spirit

Some members of the Board have questions on what it means to infer that someone has violated the Honor "Spirit" as opposed to "System." (They are defined differently in the Honor System booklet.) Others question whether the Deans should be informed. But basically the Resolution has received serious thought. I personally feel it resolves some of the difficulties invoked by either ignoring violations or holding weekly Case Meetings. It places the Chairman in an advisory, rather

Continued on Page Eight

Late Evening Pick-Me-Ups At The Coffeehouse

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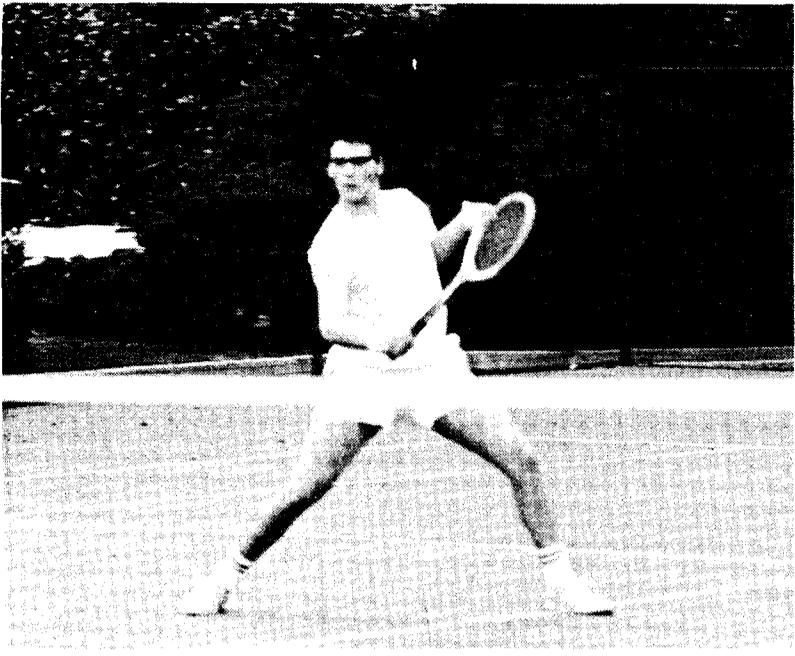


Photo by Fisher

LARRY NIREN of Ricketts sets for backhand return in first singles.

Rain Delays IH Tennis As Page, Lloyd Lead

Rain caused the postponement of many of the interhouse tennis matches that were supposed to be played last week, delaying the completion of the competition past the deadline of this modest sports page.

As of Monday afternoon, Bruce Eisenhart, a Lloyd frosh, held a slight advantage in the first singles competition with 23 games won in four matches for an average of 5.75 wins per 8-game match. Tom Miller of Fleming and Larry Niren of Ricketts have each averaged five wins per match in the same category.

In the second singles competition Steve Battelle of Page led with 23 games won in four matches, for a 5.75 average. Alan Brothers of Ricketts was close behind with a

5.5 average, winning just one game fewer in the same number of matches.

A Lloyd man, Terry Boardman, had completed six matches on Monday, winning 34 for an average of 5.67 wins per match. Challenging Boardman's claim for the championship were Leo Lomeli of Fleming and D. J. Smith of Ruddock. Lomeli and Smith had averages of 5.5 and 5.0 wins per match, respectively.

In the doubles competition the Page duo of Steve Patt and Tom Studebaker won 33 games in six matches to lead the field with a 5.5 average. The Ruddock House team of Jan Garmany and Bob Bechtel appeared to be strong, having won five games in their first and only match completed. Ricketts also

Scudder

Continued from Page Three

partially because Tech isn't large enough to do it right. "There are some fascinating problems on the frontiers of the social and behavioral sciences" which Dr. Scudder feels that Tech is well equipped to handle, and would be investigated by small teams of individuals from different disciplines in an interdisciplinary way. His work with Dr. Thompson is one example of this sort of problem. These investigations could be used "to create an entirely new discipline, as was done with information science, for example."

"Because It Was There"

It is clear that Dr. Scudder himself is an interdisciplinary sort of person. For one thing, there's the mountaineering. "Upon graduation from Harvard, I had to decide whether to become a professional mountaineering instructor or do graduate study in anthropology." Obviously, he chose the latter alternative, but still enjoys his occasional forays with nature; "I fo out to the desert about once a month. It's very soothing; things are more in your control." The answers to the questions that Dr. Scudder is asking are not in his control yet, but he's working on them.

looked good in doubles; Jan Waluk and Jon Hall had won four games per match with two matches to go.

Looking at total house scores, Page led with 74 victories in 15 matches for an average of 4.98. Lloyd had 82 victories in 18 matches for an average of 4.5, just behind the Ricketts squad, which had an average of 4.6 with 60 victories in 13 matches.

Fleming and Ruddock could not be counted out yet, though, as they had respective match averages of 4.2 and 4.0 with several matches still to be played.

Wright & Logan

Continued from Page Three

tion 1628.2(b) requires that the board grant the interview. However, many boards (especially in Southern California) do not even have a Medical Advisor. Selective Service Regulation 1628.4 requires that, in such a situation, the local board itself make the examination, review and finding.

Draft boards frequently attempt to avoid giving interviews with their Medical Advisor by ordering the registrant to take a pre-induction physical exam instead. Local Board Memorandum 78 further specifies that, if a registrant was found disqualified at an Armed Forces Entrance Examination Station and the officers at the station suggested a re-examination at a later date, the registrant should be interviewed by his board's Medical Advisor to determine whether or not he should be returned to the station for another physical.

PHYSICAL EXAMINATION

Attempting to found disqualified at an Armed Forces Entrance Examination Station without good medical reports (as described above) *in hand* is just plain stupid. Always send copies to your local board to be sent to the station and take duplicate copies with you to the examination. It is also unwise (unless you have an extremely strong case) to take the physical in Los Angeles or other draft-conscious areas. Transfer your physical to an area where people are eagerly enlisting or at least meekly submitting.

To transfer your physical to another area go to a local board in that area, state that you are "residing indefinitely" in the area, and fill out the form requesting a transfer of physical, giving a *reliable*

address in the area as your mailing address (remember that Selective Service mail is not forwarded).

APPEAL AFTER PHYSICAL

If, despite the above steps, your claim is rejected, gather your records together and send them (copies) immediately to: Lt. Col. George W. Sgalitzer, The Surgeon, U.S. Army Recruiting Command, Hampton, Virginia, 23369. You should indicate that you were found acceptable at your pre-induction physical exam and request that the findings of the examination station be reviewed and that you either be found medically disqualified or be ordered for re-examination at the station immediately. A re-examination will usually be ordered if you present a good case. Such re-examinations are often quite thorough.

In the event that the registrant faces imminent induction, his letter to the Surgeon should be sent Air Mail - Special Delivery, or he should telegraph the Office of the Army Recruiting Command asking their immediate intervention to postpone the induction pending a review of the medical findings. In cases where time does not permit appeals to the U.S. Army Recruiting Command prior to the induction date, registrants might well be advised to refuse induction if they are found acceptable at the induction center physical and write to the Army Recruiting Command immediately asking for a review of the medical findings. A copy of such letter should be sent to the registrant's draft board to forestall any punitive action pending further word from the Office of the Army Recruiting Command. The registrant might indicate in such letter that he is willing to submit to induction if the Surgeon determines that he is indeed medically qualified for service. (This paragraph is from *Counterdraft*, Vol. 1, No. 4).

INDUCTION EXAM

Anyone who has passed the pre-induction physical should attempt to obtain more and better evidence to substantiate his claim before the date set for his induction. He should take copies of the new (and old) evidence with him to the induction center, where he will be re-examined upon presentation of the evidence and hopefully found disqualified.

CLASSIFIED HELP WANTED

FREE LANCE WORK

Translators in all languages, including African, needed to translate highly technical and scientific material in several fields. Work may be done at home in free time. Only individuals with scientific training considered. Send resume to SCITRAN, Box 5456, Santa Barbara, California 93103.

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ODD BODKINS

Throop Beat

possible gross misuse of ARC funds, and large, unpayable debts run up by some ARC projects. It has been said that the Institute will pay these debts, if and when the amounts are made certain by Institute accounting. We are encouraged by one project, though, which deserves some positive mention: the Smog project is still in the black, after performing in some measure commensurate to initial hopes and funding, and in fact may be undergoing a renaissance at the moment.

The BOD itself is in uncertain financial shape these days too, but that's normal. In fact, traditionally all BOD's spend the first half of their terms of office finding out what they've been stuck with, and the second half of their terms of office trying earnestly to be a lame-duck Board. As hardly anyone ever runs for office a second time, this makes for a certain lack of continuity.

So They Tell Me Dept...

If current plans for syndication are based on something other than normal hot air, some of the material now being imposed on our regular *Tech* readers may be imposed on others as well . . . The Admissions Committee is segregating female applications from the others by marking them with little pink tabs. . . All we can say about the recent Olive Walk ceremony is that concrete proposals for upgrading Caltech seem to be rampant . . . The ASCIT Musical 1970, in case you hadn't heard, is dead, of an overdose of apathy and an insufficiency of time. Your friendly *Tech* trolls have too much to do otherwise without undertaking a Musical too, and outside help seemed very uncertain. Anyone having an idea for a substitute on the Beckman calendar, or for a use for two telephone booths, contact Jerry Willis or Tom Lehman at the Beckman Offices.

BOC Action

than punitive position, and allows for more formal action at a future time, if called for. I don't imagine that this plan would result in more or fewer Case Meetings. It would, nonetheless, give the Chairman and Secretary a mandate to discuss potential violations with the individuals concerned.

Variations of the proposals above have been talked over in past sessions. Whatever is decided upon will be a fairly major change in the procedures of the BOC (but not, it might be noted, the philosophy of the Honor System). Therefore, we want to encourage as much discussion as possible among the Student Body before anything is finalized. House Representatives will be talking the issue up around the Houses, and in fact all the Board members are collecting suggestions. More will be written on the proposals later. In the meanwhile, if you have an idea or an opinion please communicate it. The Board is all ears.

NOW YOU CAN!

Schroeder Baseball Predictions

Joe Morgan made up for a low bat mark by walking over 100 times as well, and scored runs while stealing 49 bases. Other vets available to fill out a lineup are outfielders Jesus Alou and Norm Miller and ex-Yank Joe Pepitone, obtained in an off-season deal, with vet clutch-hitter Tommy Davis available if not used in a trade. Three young, strong power-hitters, John Mayberry, Keith Lampard, and Bob Watson, could mean a pennant in Texas if they hit enough. The nucleus of a winning team is here, lacking only a little hitting and more consistent pitching.

3. **Atlanta.** The Braves managed to win in the West last year, before being swept in the playoffs by the Amazing Mets. This year, Atlanta does not figure to go as far. It's not that there isn't talent Down South; after all, 23-game winner Phil Niekro and 18-game winner Ron Reed return, along with bullpen ace Cecil Upshaw, and among the hitters are Orlando Cepeda, All-Star second baseman Felix Millan, outfielders Tony Gonzales and Rico Carty, and my personal choice for the Player of the Decade for the 1960's, Hank Aaron (sorry about that, *Sporting News*). These players are a good basis for a club, but won't have enough help to win again. The backup pitching is erratic, although Pat Jarvis and Milt Pappas have talent, but the best new hurler is Larry Jaster, dropped by Montreal, which is hardly a recommendation. Jim Nash could help, but his arm is a big question mark right now. A few youngsters are probably a year or more away from making it. Catching last year was one of the biggest strengths of the team as 20-year-old rookie Bob Didier caught superlatively and hit better than he had in the minors. A slump or injury to Didier would put Atlanta right out of contention. Another problem is the left side of the infield, where Sonny Jackson and Cleve Boyer have talent, but composites of injuries tend to keep them below peak efficiency. Team defense is suspect, too. This is a good team, but has many question marks and is very vulnerable to loss of key men.

4. **San Francisco.** The Giants, it says here will break their habit of finishing second, but not the way they'd like. Any team with Willie Mays, N.L. MVP Willie McCovey, and hurlers Juan Marichal and Gaylord Perry has the stars, but S.F. doesn't have enough backup talent to go far. Anyway, Mays is 38, McCovey is ailing, so is Marichal, and Perry has pitched in very bad luck lately, barely finishing above .500. Reliever Frank Linzey is an ace, but the rest of the pitching is questionable, and the Giants did not help themselves in trades, although they tried. The catching and infield in S.F. are still unsettled, with little prospect of becoming settled, although Ron Hunt is a good infielder and Hal Lanier a good fielder. Worse, there seems little chance of any strong hitting from the outfield, other than young star-prospect Bobby Bonds, unless Jim Hart returns from serious injuries. This is a slipping team except perhaps for Bonds, and may have trouble playing at .500 unless a few people come through strongly.

ATTENTION WRITERS
Students or faculty members interested in developing ultimate values within the parameters defined by social/political referents, write: Box 722, Sierra Madre. Please briefly state personal political theories.

5. **Cincinnati.** 1969 was a frustrating year for the pitching-poor, hitting-rich Reds, who were bested in the stretch by Atlanta, and 1970 does not figure to be better. For one thing, the pitching doesn't seem to be any better, and the hitting couldn't be as good. Last year the Reds' six biggest hitters, all managed to pick up over 85 RBI's on the season, incredible production for one team, and not one whit more than the weak pitching needed. But this year one of those six, Alex Johnson, is gone in the Reds' big offseason deal, with California in the A.L., and the other five will have to work to do as well as they did in 1969. Johnson's departure leaves a hole in left for the bench-poor Reds, who still need a shortstop and a recovery by Tommy Helms at second to round out eight players. Cincy's hurlers have talent, but only two were able to stay healthy last year, Clay Carrol, who carried the team into June, and Wayne Granger, who set an all-time record by hurling in 90 games. The men who preceded these two relievers most of last year were Jim Maloney, Jim Merritt, Tony Cloninger, Gary Nolan, and Jack Fisher, who are joined this year by Jim McGlothlin, picked up in the Johnson trade. Only physical woes keep these men from doing a job, and if they manage to shake those woes there could be a pennant on the banks of the Rhineland. But I'm betting it won't happen.

6. **San Diego.** Last. Nothing more need be said. The Padres, infinitely distant in the West last year as a new expansion team, may not even do as well this year as last. The only solid big league hitters on the team are Al Ferrara, Ollie Brown, and Nate Colbert, and most of the other players would have trouble

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making good big league teams. The 'strength' of the team is its hurling, on the principle that if you pitch enough kids often enough enough, some of them might develop into big league pitchers. Among those getting that treatment last year were Al Santorini, Clay Kirby, Gary Ross, and Dave Roberts. A few more veteran players picked up in trades, Pat Dobson and Ron Herbel, may help, but neither of them has ever done good big league pitching. All in all, it figures to be a long year in California's second largest city.



"GO" CLUB REVIVES!

Free instruction in the oriental game of Go will be given by Richard Dolen, fourth degree master, starting 4 p.m. Friday, January 23, in the Y lounge. Just curious, beginners, intermediate, and advanced welcome.

SENIORS

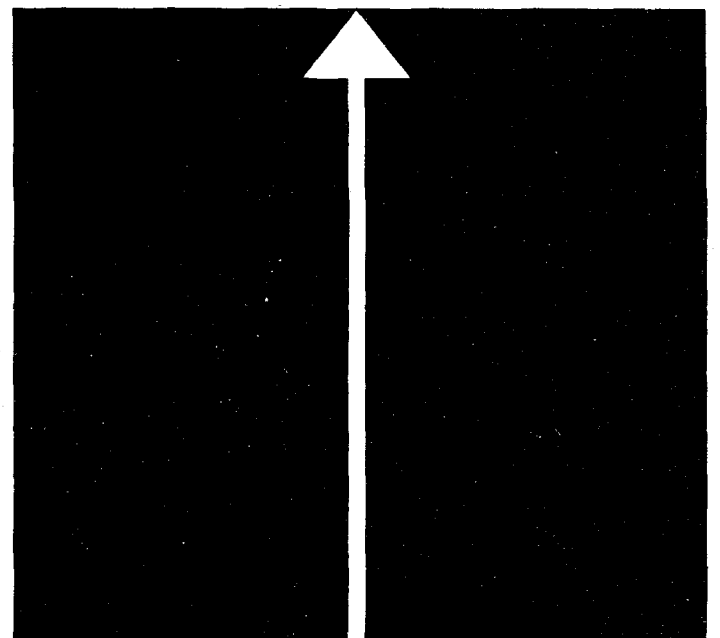
Be sure to call Kent Studios (799-7337) for picture appointments this week and next. All pictures should be taken by Friday, January 23. Coat and tie are required. Also, get someone to do your write-up, soon.

SPEED READING COURSE

The Deans' Office is offering a speed reading course on campus to be conducted by UCLA. The course will be given one night a week (which will run into the third term) and the cost will be fifty dollars (\$50) per person. This office will refund thirty-five dollars (\$35) to all those students who successfully complete the course.

Would all interested please come into the Deans' Office, 116 Throop, and give their name to Mrs. Hale by Friday, January 23, 1970.

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