Alinsky Ends Visit by Irritating White Liberals and Poverty-war

Saul Alinsky, YMCA Leader of America, continued to explain his approach to the problems of political and economic deprivation in the remainder of his visit to the Caltech campus through last Friday.

Following his appearance in Winedot Wednesday at the ASCIT Assembly Hour, Alinsky appeared at the joint ASCIT-YMCA Coffee-Hour, and then presented his major address in the Huxley Auditorium.

Meeting in a high-security session on Monday night, the IOD brought nominations for both ASCIT representation and class offices to a crushing climax. Blowing their last move, the armed guards at the door, the fearless minions of the Tech extracted the names of the nominees.

The pickings will be slim when this year's juniors elect their officers, according to Saul Alinsky, YMCA Leader of America, continued to explain ASCIT Assembly hour, Alinsky identified himself with the aspirations of his visit last Friday.

Alinsky Ends Visit

by Eric Young

After two years of occasional editorials in the California Tech, consideration by the ASCIT Excom, an actually contested election, and finally much discussion by the student body, the Inter­house Committee Definition is undergoing final ratification this week.

Originally presented to the pres­ent IHC after the student body rejected the proposed inclusion of that body into ASCIT, the Definition has since consumed a large part of the IHC's time.

The need for formalization of the IHC has been felt by some of its members, and it seems that past IHC's have never really cared enough to do anything about it. Particular concerns of past would-be IHC formulators have been the question of how many House members approved of the Definition and what role the IHC is to play relative to ASCIT and the Interhouse definition.

The cry for IHC formaliza­tion began in the spring of last year. The Definition was given major importance with the ratification of the new IHC Chairman and the Vice-Chairman.

No­mer­i­cal­ly­speaking, the IHC is an 11-member group. In the past three years the IHC was given major importance with the ratification of the new IHC Chairman and the Vice-Chairman. The Definition was given major importance with the ratification of the new IHC Chairman and the Vice-Chairman.

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Under the exhuberant director­ship of Caltech karalist J. K. Evans, the Drama Club presented a story of love, intrigue, sex, and sin—The Philadelphia Story—"chickens" on Wednesday night at 7:30 p.m. next Wednesday, May 25. Dr. Daniel J. Keesle (the­ology), A. Ron Maghaber (chemistry), and Bruce Murray (biology) will present a short speech on the possibilities of scien­tists controlling the uses of the products of science through influ­ence in the government. A gen­eral discussion period will follow.

PHARMACY MONGERS ARISE! You may eventually rule the world if you hear "Political Activ­ism for Scientists" presented by the American Chemical Society in the week of July 3-10. See also the "Moral Choice in Science" presented by the California Society for the Study of Science and Religion, held on May 30 at 4:30 in the tournament Park Picnic Area. Come and hear Dr. Langmuir, the N.C. tell you about the future.

FOOLISH FROSH CHOOSE OPTIONS: Fates Sealed

by Firestone

Signing away the next three years of their lives, 9 freshman have chosen physics as their op­tion instead of going into the military. The second most popular choice was mathematics with 38 signees followed by engineering with 31 and chemistry struggling in third place with 22.

Last year the chemistry de­partment reeled in 31 frosh for chemistry and six for chemical engineering. This year's 18 in pure chemistry were accompanied by only one Ch E. The big loser this year was eco­nomics which failed to grab any of the unsuspecting freshmen; this was one short of last year's record. The history department got its first student and English got three, thereby, tripling last year's total.

In the other options, there were very few changes; nine for biology, four for geology and five which have yet to be decided.

The physics department had a large gain over last year; also gaining over last year were (5), biology (2), geology (4). The most de­pressed department had six fewer than last year and engineering had 13 less, making a total of a 10 percent decrease.

Last summer the '66ers were asked to indicate probable options and the choice then showed 65 for physics, 56 for math, 30 for engineering, 5 for chemistry, 41 undecided, none in English, history or econ and the others scattered in random curricula.

IHC to Ratify Definitions and “Formalize” Position

THE ASSOCIATION

News

by Conner, a Communist poet working for a cheap capitalism and leading anti­bourgeois mistress Elizabeth.

Dawn dip

After a wild drinking party both the protesters were as well as their cool by taking a predawn dip together, stark naked, in the hidden pool. This is all observed by the shocked Kittredge, the chauvinist Kittredge, and the all­know­ing Dinah. Kittredge is about to cool the hook by an in­credible attempt to keep the animals from de­fense滨．

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Caltech Coaching

Yet another letter carving about the Caltech coaching system appears in this week’s Tech. Because the coaches, perhaps considering themselves too pure and sacred to design to reply to written criticism, have responded with circumstantial silence, the next best thing is a reply from the editors.

Swellheads

In the first place, all this talk about good athletes at Caltech is just so much braggadocio, reflecting the inflated self-esteem of most Caltech undergraduates. Since when is Caltech teeming with athletic talent? Where are all the brilliant stars, awaiting Caltech undergrad ever went to the Olympics, folks? It’s been in the SCIAC cellar for a while, and as long as it is the lowest school in the country to enter, we’ll probably stay that way.

Secondly, Dean Bond was temporarily filling a post while a permanent coach could be found. His methods of making the repairs have driven students off campus, where they are no longer paying for items that have not been caused by student living conditions. The average student are relatively the most swelli.

Not hard enough

Workouts are seldom as hard as they should be. As an example, the roof repairs on the old Hagerty, which has resulted in the loss of some of the best players with the mediocre players stay with the teams. These good athletes have been taught that “when the going gets tough, the tough get going.” But they find little “tough going” in Caltech athletics.

Why?

As a member of the Caltech football and track teams, I have respect for most of the decisions of the coaches. And, I see no reason why the responsibility of coaching should remain solely with him. The few good assistant coaches that come to Caltech do so to stage a show, which makes me wonder if the “powers-that-be” in the athletic department are wise in their hard-working coaches and possibly even less wise in their academicians.

Academically Caltech is run for the top students. Why not give the other athletes the same treatment?

Dick Harley

Barefaced And Greedy

At this very moment the Student Houses are being cheated out of much of their limited supply of money for repairs made by students off campus, where they are no longer paying for such repairs. The House was charged for replacing two more doors than had happened to take the brunt of jerry-building construction. A letter carping about the Caltech coaching system got in the first place, all this talk about good athletes at Caltech is just so much braggadocio, reflecting the inflated self-esteem of most Caltech undergraduates. Since when is Caltech teeming with athletic talent? Where are all the brilliant stars, awaiting Caltech undergrad ever went to the Olympics, folks? It’s been in the SCIAC cellar for a while, and as long as it is the lowest school in the country to enter, we’ll probably stay that way.

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Dick Harley

We invite you to open a... SILVERWoods Student Charge Account...and enjoy all its conveniences

By Hinkle

The current show at the Ice House, Pasadena, while it features Bert, the Beatle, to a degree that is not often seen there, proves to be an enjoyable and varied one.

Richard and Jim, the lead act, are a spirited bluegrass duo, adept in close-harmony and fast picking. Jim’s banjo, harmonica, and dobro playing lend variety to the act, and his voice is straight from Tobacco Road, twangy anddrawing. Richard’s guitar play- ing is reminiscent of the old Carter family style.

Old backwoods humor

As is typical of Ice House stars, Richard and Jim liven up their act with humor in line with their style. There is strictly backwoods drollery and harmless digs about the song and waterless rivers. Most of the jokes are old, but Jim’s style of presentation puts them across quite well. Although relatively unknown, Richard and Jim are a fine act well worth seeing.

Troy metamorphosed

Troy has discovered that his rich voice and good looks are much greater assets than the nylon string guitar on which he used to play which has turned to a pop vein.

With an electric guitarist and a bass player backing him up, he now sings everything from “Yesterday,” by the Beatles, to a tune that Troy’s voice and appearance are imitative, and, with material that he has the chance to show off, his act has improved greatly.

Blithely Biting Americans

The third act on the bill is the comedy team of Dick Clark and Jennie McMahon. Their main field is satire on television and related topics. One sketch on “Miss America” was especially biting, and Clark’s imitation of Bert Parks hit the mark well. Their material was fresh and clever, and they should become well-known in the future. In short, this show running at the Ice House from now until May 29, provides humor, talent, and variety. It is definitely worth seeing.

Basing their advantage of the YMCA’s offer to open a... SILVERWoods Student Charge Account with you...We invite you to open a...
Thursday, May 19, 1966

C A L I F O R N I A T E C H

Prevaricator Philip to Come to Beckman

Gary Philip, who describes himself as “a first class liar,” will appear in Beckman Auditorium this Saturday, May 21 at 8:30 p.m. at the request of Mr. James M. Beckman. The event will be advertised in the Daily Trojan and in the Daily Trojan's weekly publication, Trojan Talk. The event is free and open to the public.

Flying Club of The Wild Blue Bays Airplane

The Aero Association of Caltech is planning to build a 60-inch reflector, designed by Edward F. Brown, a member of the astronomy department. The new telescope should be constructed soon, and it will be mounted on a 100-foot tripod. The cost of the telescope is $250,000.

Vote the Party Line, But Vote

(Continued from page 1)

of testing qualifications. Some finished the exam until 10 seemed like a figure which includes gas and oil and the necessary maintenance. This is significant than the $12.12 per hour charged at commercial schools, and of course this saving (which amounts to about $250 by the time one is in charge) is one of the advantages in a club. Besides, the members feel that they receive a more comprehensive training and fly a better-maintained airplane.

The club, which is open to all students, faculty, and staff, has openings for additional members. Those wishing to join should contact David Carter, Aviation, at 880, or Ray Thach (Ext. 1143).

In the past week, the astronomy department announced a new telescope, new work in astrophysics, and a prophecy of doom.

The new telescope is a 60-inch reflector to be built on Mr. Palomar. The research was done by Dr. Robert F. Christy on RR Lyrae stars, used in measuring cosmic distance. The pro perty of doom was disclosed from the Eternal City by Dr. Leverett Davis about the slowing down of the sun’s rotation.

Dr. Christy’s research uses a significant new method of using a computer to simulate the behavior of stars. He feeds in data of masses, luminosities, surface temperatures, mass content, and other useful parameters. He also puts in equations from the applicable laws of physics. The computer simulated some 100 possible models of the stars, which Dr. Christy then compared with the observed properties of the stars, to determine which corresponded to rea l physical stars.

Hot threshing star!

These RR Lyrae stars are pulsating stars far along in their evolution. They are much larger, but less massive than the sun. As they age, their temperatures rise to near that of the sun, and their outer layers become unstable. This results in pulsations of periods from six hours to one day, lasting for about 10 to 100 million years.

Christy’s results indicate that all RR Lyrae stars have about the same intrinsic brightness. In several billion years the sun may evolve into one of these stars.

Don’t hold your breath

Dr. Leverett Davis, doing re search in Rome, has cal culated that the rotation rate of the sun will slow down 50 per cent in the next two to four billion years. It is not known, what effect, if any, this will have on the earth, but an effect is believed possible, because solar rotation appears to be related to sunspots.

He bases his estimate on the Mariner II and IV spacecraft results, and on calculations made by one of his graduate students. The effect is due to the braking effect caused by the sun’s magnetic field permeating the solar system.

Arthur Plant’s garden party was something to behold.

The Bud was just opening.

ARVINUS-BUSCH, INC. • ST. LOUIS • NEWARK • LOS ANGELES • TAMPA • HOUSTON

On the first morning of its four-day stand, General Lewis Hershey’s production of “Damn Yankees” packed Pasadena City College’s Season Auditorium with 2800 avid onlookers Saturday.

In blatantly showing that college admissions boards spend their money wisely, the Selective Service subject all to a test which had as one of its more profound effects ruining the day for all who somewhat less than six feet tall applied to this diluted college board.

Jocks rule

For most, arriving promptly at 8:30 a.m. and then not beginning the exam until 10 seemed like a truly prodigious feat of time. Advanced notation and information in the commentary occupied the testees during that period. The test itself was actually a distinct edishment of physical examination, for only the fittest test-takers could perform without noticing in seeing spots before their eyes.

Many students thought the test to be a battle between concentration and daylighting, the latter often winning; some finished and afterward practiced catnapping, fingerprinting, yawning, stretching and starting through the windows at the Pasadena skyline.

Marxism

As a guide for future test-takers, here is a question typical of those the subsequent exams will probably include.

Consider the following passage:

“To discover truth through practice and, through practice to verify and develop truth. To start from perpetual knowledge and actively develop it into rational knowledge, and then, starting from rational knowledge, actively develop it into logical knowledge. Practice, knowledge, more practice, more knowledge; the cyclical development of this pattern to infinity, and with each cycle, the elevation in the content of prac tice and knowledge to a higher level. Such is the whole of the dialectical materialist theory of knowledge, and such is the dialectical materialist theory of the unity of knowing and doing.”

Question:

The author is:

a) a card-carrying Communist
b) “full of sound and fury, signifying nothing.”
c) a perfect square.
d) pleasing to the draft board.
e) trying to amuse the reader.

By definition

Rumors abound that the government is thinking of testing voting qualifications soon. Informed sources say that one quest ion will be: “To what extent is the student evidence of Fermat’s Last Theorem—or, for the less gifted, a disproof.”

Hardboiled Hershey Harasses Humorously

The Latest Dope

Newest Developments in Astronomy

In the past week, the astronomy department announced a new telescope, new work in astrophysics, and a prophecy of doom.

The new telescope is a 60-inch reflector to be built on Mr. Palomar. The research was done by Dr. Robert F. Christy on RR Lyrae stars, used in measuring cosmic distance. The property of doom was disclosed from the Eternal City by Dr. Leverett Davis about the slowing down of the sun’s rotation.

The new telescope is designed to have fairly high magnification over a wide field of view. A five-year, $1,000,000 observatory will be built to house it, namely, one of the late Oscar G. Mayer, whose family is donating $250,000 to construct it. Work on the project will begin with the grinding of the quartz mirror here. It is hoped that the telescope will be completed in 1970.

The new telescope should be able to transfer much of the direct photographic and photoelectric work now done at Mount Wilson to the new instrument at Mount Palomar. This is made more urgent because of the deterioration of conditions for these observations at Mount Wilson.

This should free the two large Wilson telescopes for observing bright objects and for spectrographic studies, which are not affected by a bright sky background of Los Angeles. This will also free the 200-inch from much of the photometric work on moderately faint objects, making it possible for the observation of the very faint objects that it was designed for.

Computer models

Dr. Christy’s research uses a significant new method of using a computer to simulate the behavior of stars. He feeds in data of masses, luminosities, surface temperatures, mass content, and other useful parameters. He also puts in equations from the applicable laws of physics. The computer simulated some 100 possible models of the stars, which Dr. Christy then compared with the observed properties of the stars, to determine which corresponded to real physical stars.

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Spring Soccer Practice Promises Bright Future

by Hank

May is here once again, the time when all good soccer players get an itch in their legs. To satisfy the overwhelming urge, spring practice has started, at least last season, which might be called a rebuilding year, prospects for the fall are good. With two exceptions, everyone from last year’s varsity is back, and several new players have joined the roster.

With about 25 players out for practice, there is plenty of depth at every position. Mike McLeod, Rusty Woody, Ken Young, and Shamsherali Kamani are back to play on the front line, and with the addition of George Halani, the attack, which suffered much last year, should be very good. Everyone has a year’s experience playing together, and the backs are going to be a real star at Inside forward.

Hot seasoning

The defense, which did reasonably well even last year, has everyone returning with a year’s worth of seasoning. Paul Bartlett, Peter Balint, Len Erickson, Harve Butler, and Ron Gregg are the backs. Walt Innes, the interhouse machine, and Andy Duell have been showing their talents in scrimmages, but should be ready to go in the fall.

The team as a whole has tremendously improved; the scrimmages look better than most of last year’s games. The team has a very good chance to win its division, which includes Loyola, Occidental, USC, ISU, and Westmont.

Les Fidوبone, last year’s goalie, is playing on the forward line, but might still end up in the goal next year.

The major point of contention to the form of the Definition has been many House’s approval are required for passage of amendments to the Definition. As finally compromised, six Houses are required for passage of any amendment except that a one month waiting period is required before each passage is effective unless all seven Houses agree immediately.

CORONET’S THE WAY TO GET THROUGH SCHOOL WITH STRAIGHT A’s

JOIN THE DODGE REBELLION

Coronet scores high in any class... Art... Coronet’s beautiful lines and graceful styling draw looks everywhere you drive. Math... take the 305 cu. in. V8, add four-on-the-floor, and you’ve got the swingin’est car on campus. History... Coronet’s a success story of record-breaking sales. Speech... Coronet says a lot about you even when it’s standing still. Then comes Logic... Coronet’s low price makes sense to just about any budget. How about you? Like to make the grade? Enroll at your Dodge dealer’s now. As Pam points out, the Dodge Rebellion wants you.

Ricketts Wins By Forfeit

Due to a foul-up in the Ruddock machine, the eligibility list for the Ruddock-Ricketts Diocesan softball game was submitted late, causing the men in blue to forfeit the three points. The game, however, was played off on Thursday afternoon after the Monday schedule was rained out.

Since Ricketts was already assured of the points regardless of the outcome, the Interhouse softball champs used their bench liberally and all the spectators played. The final score showed this liberality as Ruddock scored the Scorsa by a 146 score.

The last challenge of the year comes from Lloyd in football. The Lloydis have already won the trophy, but Ricketts has a chance to tie for second by winning this game.

CARMELO’S ITALIAN RESTAURANT

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THE LANGUAGE CENTER

170 South Lake Ave. Pasadena

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STUDENTS, if you need HELP in fulfilling your language requirement inquire about tutoring services at BERLITZ.

HELP

Page Four

CALIFORNIA TECH

Thursday, May 19, 1966
“The Strip” Uncovers Talent at Caltech

The First Annual ASCJT Talent Production, “The Strip,” will reveal the human side of life in the Student Housing in Winnett Lounge yesterday. The show stars KNX radio disc jockey Ron Drucker, cleverly disguised as a band of troglodyte snakes with a few tricks up their sleeves. Pure unsullied talent will find its voice in the persons of “Steve ‘n’ Eric”; Dave McKay’s classical piano offerings; “Alftin and Villament”; and the “Dazzinger Jazz Trio.”

In addition to many kicks and giggles, “The Strip” will boast a full complement of esteemed faculty performers, and at least one bona fide girl.

Tickets for ASCJT members are free, Caltech personnel may thrill to these many astonishing acts for $3.00, and the general public may partake for $3.00. Tickets are available through the Caltech Ticket Office. For information, telephone 793-9363.

SLIDE RULES OF THE WORLD UNITED!
Join the IMAC Club. Membership open to all. Lifetime professional membership card with beautiful, gold-plated, hand-polished slide ruler engraved in long mathematical calculations and memorials. Decorative and useful. Has that fine jewelry look. Nicely boxed conversation piece. Only $1.00 each.
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Don Nemzer described the show to those present as a phenomenon that "will try to give the freshman some preview of things to come. Traditionally this preview is grandsly overwhelming; but since the freshman never believe a word of it, no real harm is done.

CONGER PRIZE!!!
Ron Drucker won first prize and Dan Metlay second in the 1966 National Counselors Contest, held in Winnett Lounge yesterday. Winning $100 in prize money, Drucker advocated the foundation of a Teachers’ Corps to assist secondary education in undeveloped nations. His and Metlay’s names will appear in the 1966-67 School Bulletin.

COUNSELORS ENUMERATED
Dean of FreshmanFooter Strong recently announced the counselors for the 1966 new student camp. The impressive array of talented young men includes Terry Allen, Peter Bloomefield, Ben Cooper, John Cunningham, Rob Dickinson, Bob Drew, Leo Erickson, John Eyler, Les Pettig, and Rob Gershen.

All the counselors are responsible for writing letters to next year’s freshmen, which serve to make even larger the already huge torrent of mail a new frosh receives. Other counselors are Tony Garrett, Dave Goodman, Ron Haviland, Tim Hendrickson, Parrish Hinkke, Ed Kehl, Greg Kourilsky, Fred Lemb, Sam Logan, Gregory Lutz, and Craig McAllister.

Dan Nemzer, Shamblin Norris, Jim Pearson, Bob Picciano, Mark Satterthwaite, Gary Schmalke, George Shuman, George Shipbridge, Martin Smith, John Stevens, Dave Van Essen, and Eric Van Etten have the total to thirty-five. At the camp they will try to give the freshman some preview of things to come.

Majors in Math, Science, Engineering, Liberal Arts and Business—seniors and graduate students—we’ll talk to you straight about career opportunities with IBM’s Computer Systems Training Program. (CSSTP is something every Math, Science and Engineering grad will want to hear about.)

We’ll spell out the challenges which face IBM’s Systems Engineer. How he studies customer needs and computer requirements, and devises systems solutions to their problems.

We’ll make sure you know about IBM’s Computer Systems Training Program. If you have not interviewed IBM, contact Mr. H. A. Thomasson, 3424 Wilshire Blvd., LA 5. or call 382-7327. Ext. 1716.


IBM
Maarten Schmidt, of TIME Fame, to Explain Quasars

Dr. Maarten Schmidt, world famous professor of astronomy, will speak at the Freshman Dinner Forum, May 20, at 6:00 in Chandler Dining Hall. All graduates and undergraduate students are invited.

Dr. Schmidt is an expert on his topic for tomorrow night, "The Great Quasar Question." As Time Magazine stated in its March 31 cover story on Dr. Schmidt, "By decoding some of their (quasar) signals that have been so long in transit, the Dutch-born astronomer has up-set the familiar prejudice universe of stars and galaxies. "He has rocked the worlds of astronomy, physics and philosophy. He has undermined established theories and stimulated fantastic new ones, provoked scientists into bitter controversies and brilliant hypotheses."

The program will begin at 6:30, following dinner. Undergraduates should sign for a meal transfer in their student houses before 7:00 this evening.

Solar Flares

"The race to the moon seems a bit tame to Edison engineers."

The bubble suddenly bursts in what is known as the magnetic field. After sending out new particles emitted in hydrogen-alpha light, taken during a magnetic variation, and so on, the lines of a primitive weatherman—"It rained yesterday, it'll probably rain today." dogma takes гass.

Contrary to popular belief, sunspots do not cause the short-wave radio fadeout, magnetic variations, and so on, which one associates with solar activity. These are caused by the high-energy particles emitted by solar flares, themselves invisible in ordinary light.

The flares have considerably less energy than the sunspots they are associated with, but by some funneling action of the magnetic field not yet fully understood, the energy in the flares is mostly in high-energy particles and X-rays.

Rarely seen nude

Because the atmosphere in the area in which the flares occur is so rarified, they are invisible to the naked eye. They are observed by making photographs in hydrogen-alpha light, taken through filters which pass light with only a half-angstrom band width. By taking pictures simultaneously through filters which pass the center, top, and bottom portions of the Hydrogen line, astrophysicists can tell (by the Doppler shift) whether a certain feature is rising, falling, or remaining stationary, and roughly how fast.

Energy balls

One indication of possible flare activity is a "beeped-up" looking group of sunspots. Examination under Hydrogen-alpha light will show a ball of high-energy plasma which forms, in a pocket in a magnetic field. After sending out a few sparts of plasma, the bubble suddenly bursts in what is known as the "flash phase," sending out streamers and a magnetic shock wave at speeds on the order of 1500 km. per sec. This shock wave is violent enough to drive prominence sitting on the magnetic field up and down with a high enough velocity to Doppler them out of the range of the half-angstrom filters.

SOLD OUT

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Looking for more homes to sell.

Two Story Spanish, Altadena
Confortable family home w/ 4 bedrooms, 2 baths, in excellent northeast area. Ideal patio for entertaining. "Priced to sell" at only $50,000.00

ask for Robert Righy

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Don't misunderstand.

It isn't that our engineers aren't interested. Nobody could be more intrigued. But they have quite a race on their hands, too.

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