Weiss leads Ricketts to close victory over Danby in IH Sing

The Ricketts House Glee Club, led by senior Walter Weiss, extended its three-year domination of the Interhouse Sing by one year last Monday night in West Bowes Gymnasium. In taking first place with its rendition of the contest number, "Hangtown Gals," Ricketts narrowly edged out second-place Danby House by one poll 396-395. Weiss and Blacker were third and fourth with 237 and 212 points, respectively, out of a possible 300.

Three judges

The three judges, all prominent in local musical activities, were Sister Marilyn, Chapel Director at Glendale High School; Mrs. Hedwig Rice, Pink-ember; Chapel Director at Monrovian High School; Mr. William P. Benulis, teacher of music theory and singing at Glendale High School; and the Glee Club at USC. Master of ceremonies was Dr. Alfred Impey, and Dean Eaton presented the trophy to the winning group.

Additional numbers

In addition to the contest, the following additional numbers were presented by the respective houses: Blacker, "Glory and Honor Are Before Him," by J. B. Bach, arranged by Peter Y. Blacker, "Jesus Walks This Lonesome Valley," a Negro spiritual, arranged by William Daumon; Fleming, "Non Nobis Domine" by Hart-ward Klipping and music by Roger Quiller, "Here Comes the Sun," by Harry Chisluch; from Hit the Deck, by Vincent Younyca. An octet from Ricketts House also presented (Continued on page 3).

Hilton Hotel to host "Cotillion"

by Dave Leeson

"Cotillion," will highlight this quarter's social program.

The formal, hosted this year by the luxurious Beverly Hilton Hotel on Monday night, will afford Tech's chance for a formal dance at high society. The Cotillion will be begun at 6:00 p.m. at the Hotel with a pre-dinner reception for invited guests. Following the reception, dinner will be served at 7:45 p.m. in the main dining room of the Hotel, with dancing to follow from 9:00 to 12:00 a.m. and a midnight buffet.

On March 19, formally attired couples will dance in the waltz of Keith Williams and his orchestra in the beautiful Cadero and Sarby restaurant on the ultra-modern Hilton.

Drinks will be served only to those who remembered to bring along identification, refreshments of a lighter nature will be provided during the course of the evening by the ASCIT-hamper and dark tuxedos.

Dick Kirk elected president, Gene Cordes in second spot

The ASCIT election committee yesterday set the runoff election for Wednesday, polling will occur in front of Danby Hall from 3 to 4 p.m.

Cordes defeated Andy Perga for ASCIT vice president and Dick Efron and Lee Hood will run for second representative.

Election results were released at 7:30 p.m. last night by the election committee, headed by Bill Hecht.

Danby ended Ricketts' tradition of 30D domination by placing five men on next year's board: Kirk, Tony Fortillo, Bill Hecht, Russ Pitzer, and Don Ongis.

Pitzer was also unopposed, as was Fortillo in this year's ballot. There were no can- didates for either Big T editor of California Tech business manager.

Installation set for Monday

The board will take office Monday night, after being sworn in by the old officers. The new second representative will as-sume his duties the next week. The treasurer will not take of- fice until September.

The complete results were:

President: Dick Kirk
Vice President: Gene Cordes
Secretary: Mike Godfrey
Treasurer: Clarke Heeke
First Representative: Tony Fortillo
Second Representative: Brad Efron, Lou Hood (runoff)
Publicity Manager: Bill McClure
Athletic Manager: Russ Pitzer
Daily Commission: Don Ongis
Caltech Editor: Bob Walsh
Caltech Business Manager: Frank Caggii
Big T Editor: no candidates
Big T Business Manager: Den- nis Koll and Lewis Lineman
Head Yeat Leader: John Hard

Oppenheimer coming to Caltech next week

In a program designed to permit maximum contact with Caltech students, J. Robert Oppenheimer will participate in discussions, meals and informal conversations during his stay on campus which lasts next Thursday and continues to March 18th. Usually con- sidered to be the person who contributed the most towards the development of American atomic research during World War II, Oppenheimer will also be known to students in non-technical matters and is now head of the Institute for Advanced Study at Princeton.

Schedule

THURSDAY
11:00-11:30 a.m. Lunch at Fleming
3:00-5:00 p.m. Discussion with twenty grad- uate students
6:00-8:00 p.m. Dinner at Blacker
8:00-10:00 p.m. Meets with 30D and IMC
FRIDAY
11:00-11:30 a.m. Lunch in Danby House
3:00-5:00 p.m. Office hours
4:00-5:00 p.m. California Tech Inte- rview
SATURDAY
6:00-7:00 p.m. Dinner with Oppenheimer Committee
8:00-10:00 p.m. Open house
MONDAY
11:00-11:30 a.m. Lunch with Throop Club
3:00-5:00 p.m. Office hours
7:00-9:00 p.m. Talk before under- grad student body
8:00-10:00 p.m. With Y Cabin-
net
TUESDAY
11:00-1:00 p.m. Lunch with Ricketts
2:00-5:00 p.m. Office hours

Playing fields at ICC dance tomorrow night

With "Happy Birthday, George" plastered around the walls of the spartan, Orlando, and the music of Jerry Fielding's orchestra rending the air sweet, with inter-school spirit at its highest, the tenth annual ICC dance doors tomorrow at 9:00 p.m.

Met in 1948

The ICC first met in 1948 for the purpose of presenting an inter- school spirit. In addition to picturesque design, its colors are also arranged to exchange exchanges and serves as a coordinating body for other activities. Craig Elliott, Glenn Converse, and Dave Leeson are serving as tech's representatives this year, meeting with students from seven other southwestern colleges: Chapman, Claremont Men's Col- leges, Occidental, Pomona, Red- lands, Scripps, and Whittier.

Fielding's Kathy Heacock points out insignias of Occidental's English to members of ICC, including Tech Prexy Craig Elliott (right, standing).

Whittier's Kathy Heacock points out insignias of Occidental's English to members of ICC, including Tech Prexy Craig Elliott (right, standing).

SOPH DECISIONS TO THROW AFTER-DANCE

The Sophomore Class and its dance committee have announced that the after-dance will be held this Saturday night in Ricketts Lounge. The seniors' party will night in Ricketts Lounge. The seniors' party will be the last of the after-dance parties this year and it is expected to be larger than any previous party. The Sophomore Class plans to have a buffet dinner at 9:00 p.m. and dancing will continue until 1:00 a.m. The theme for the dance is "The Great Gatsby," and the decorations will feature 1920s-style furniture and lighting. The music will be provided by the school's own band, and there will be a cash bar available. All Tech students are welcome to attend and enjoy the festivities.
“Now hear this!”

For too many years the American people have been suffering from the delusion that their elected representatives are servants of the people. Unfortunately this idea has penetrated, even the lowest echelons of government. Even ASCIT candidates who are of their own admission do not realize that the student body wants to see from their leaders a more realistic campaign.

I would wager my cherished editorial position that 99% of the candidates will admit, if pressed, that a major factor motivating them to run for office is the prestige associated with the political position they seek. I have yet to hear the frank statement, during a campaign, that the candidate is seeking personal prestige. Perhaps I am making a naive evaluation of the situation. Perhaps everyone, with the sophistication born of experience, accepts implicitly the fact that all candidates are not altruistic “representatives” but that platitude which leads us to believe. Nevertheless it would be refreshing to hear during the dinnerette speeches, “I am running for this office because of the advantages it offers. I will do a good job because it will look good on my record,” or “Anyone can perform the duties of this office. It was the easiest job I could find and I’m sure it will make negligible difference to anyone but me and my opponents whom it is elected.”

I don’t really expect anyone to use this technique. I think however, if he did, he might ingratiate himself to the seniors, who have heard essentially the same statements for three years and also to many underclassmen for his frank and novel campaign.

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**LETTERS**

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**California Tech**

The California Tech California Institute of Technology Pasadena, California

Editors, The California Tech:

In an unlabeled reply to your editorial of this date, I say, “Iol Caltech is not too narrow.” After all, gentlemen, Caltech is a technical school. Stepping on the students who come here desiring this type of education, or those who would have gone to a liberal arts college without it. To their technical studies, the students receive a large amount of instruction in the humanities, both in the classroom and out. Compare our SIC members with those from the other schools.

Compare our scores on the college sophomores comparison tests of a few years ago. Compare the themes in our English classes and in the Old Testament with those from any liberal arts college. We do not come out all that well. In fact, we come out not too good, there seems to be hardly any point at all in carrying out your suggestions that we increase the extracurricular activities to the point where every man is the president of not one but two clubs, or that we insert the “technical” factor into the curriculum so that still more technical courses can be shoved into the five-year plan.

There apparently exists a certain vague in condemning technical schools and in vociferously demanding that the candidate be found inside walls of ivy. We, as a people, have become so infatuated with the idea of the “technical” in the pursuit of the “humanistic” truths, as they are manifested in history, literature, art, philosophy, even in day-to-day existence, as an experience of widening understanding, a gradual enrichment of one’s inner self, it is not an ever-lengthening list. Of course, you don’t need to have studied the problem to the dilemma, you give evidence of your understanding in it.

Finally, you tell us that “the only practical solution” is to increase the number of humanists in the school. At this, I’m afraid you must have not limited technical perspective you deplore. As you yourself admit, the immediate effect of additional humanitarians courses would be “decidedly slight.” Courses in the humanities are indispensable and have nothing but benedictory effects on the people who are exposed to it. Moreover their number is simply an external gesture, which may or may not affect the human spirit, that is, the man in any engineer or scientist.

It seems to me that until the wind in the humanists’ hair, he be at Caltech or elsewhere, see the spirit of Man as an exciting and awesome force and until he wants to grow in his understanding and judgment of its creations, no amount of courses in Renaissance art at all. (I have no confidence in Newtonian, Schrodinger-equationed, Boff-theoretical, kinetically-energized world.)

However, as long as some are sensitive to the tragedy, as you have been despite your dismissal, schedule approach, there’s hope. Someone may yet have something interesting to say at dinner.

(Continued on page 8)

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**Salem**

A new idea in smoking...all-new

**You smoke refreshed**

Rich tobacco taste...pure, white modern filter!

- menthol fresh
- rich tobacco taste
- most modern filter

Take a puff—it’s Springtime! Light up a filter-tip Salem and find a smoke that refreshes your taste the way Springtime does. It’s new. It’s terrific. It’s a Salem...-menthol fresh comfort...rich tobacco taste...pure, white modern filter!

They’re all in Salem to refresh your taste. Ask for Salem—you’ll love ‘em!
DOUBLED AND REDOUBLED

Student’s multi-phase S.F.
Magazine appears in store

by Alan Berg

In the third issue of Magnum,
the following was read:
"There has been much speculation
on methods of traveling to the
Moon in recent years by
various scientific and
technological means.

This article ends in what now
appears an academic and
worn/exclamation of the virtues of
space travel. Soon it should be possible to build
an Impregnable fortress on the
Moon. But the "Moon is
traverse" as a firm foundation of the
eurasia and international
peace. Over the long
lengthens arsical but nevertheless is as
accurate eg the "researchers" for a
newly staffed of books
when searching for evidences of
eighteenth century attempts at
space travel.

Just as the Magazine staff has
"investigated" pre-atomic
space travel, they have also
done some speculating about
the future of man, and they are very
much interested in some implications of modern science
and technology, for some of them are scientists who
now at Caltech.

But, what is Magnum? Who is
Magnum?

While not as sublime as Pen-
dulum, nor as frivolous as
Farrago, Magnum does convey to
its readers a sense of well-
designed, well-wrought, and often
of the spontaneously generated
ideas of the day. It is run on a
non-profit basis, it is printed by
a method known as photo-offset,
and contains articles of science
fiction, motion picture reviews,
some poetry, humorous features,
and much more. It is a magazine
approaching professional
standards. Some of its contribu-
tors spend most of their
time around the Institute and lots of their
spare time in other ways.

CD not for defense

Most of the writers for Magnum
are students of the Chen-

ds, Donovan, Foundation. In
fact, it is CD which sponsors
Magnum and lends impetus to
Dulles' activities and thoughts re-
garded in the magazine. The
Cheney Donovan, Foundation,

Ralph Stanton, a freshman
at Tech, is editor of Mag-
num. Since he is the
most interested in writing
and publishing and his efforts have
been rewarded in the appear-
ance of Magnum. He is cur-
rently working on some experi-
ments in electronic film

Ron Cobb, presently employed as a teacher, does most of the
magazine's art work. Even

CONTINUED ON PAGE 4

What a MATHEMATICIAN can do at IBM

Mathematics is an ancient but...
Techmen discuss human behavior in unique class

"Introduction to Human Behavior" is the title of a class that is being offered this term at Caltech. The class, according to its instructor, is designed to help students improve their social skills and relationships with others. The course covers topics such as the study of human behavior in leader and group situations and how these behaviors affect the individual.

Once the general outline of the course has been decided, the class discusses the problems. Generally one or two topics are covered at each meeting. Discussion takes place around a large table, with instructors remaining more or less in the background until the discussion is over, then they sum up what has been said and help the class draw its conclusions.

The class this year found group reactions one of the more interesting fields of study and decided to study group dynamics. After observing individual reactions as seen in the class, the group discusses them and draws conclusions as to what effect a member of the class has on the group as well as the effect of the group on the individual.

Grant offered for grad study in Netherlands

Three fellowships for graduate study in the Netherlands for students holding bachelor's degrees are being made available this year. The awards, offered by the Netherlands government, each carry a cash award of $2,500 per year to cover room and board expenses for the two-year period; tuition expenses are waived.

U. S. citizens having a bachelor's degree or equivalent and capacity for independent study are eligible. They should have "good academic standing and capacity for independent study." Successful candidates may study at the universities of Amsterdam, Leyden, Groningen, Utrecht, Free (Catholic) University of Amsterdam, and Catholic University of Nijmegen, Institute of Technology, Delft, Institute of Commerce and Economies, Rotterdam; Roman Catholic Institute of Commerce and Economics, Tilburg.

A variety of fields of study include Dutch language and literature, philosophy, history, psychology, philosophy, history, social science, economics, education, administration, and agriculture.

Grantees should have funds to pay their own travel and incidental expenses. They may apply for travel grants to cover these costs.

Campus Brewins

Vegas virginate vice

"Led by Black Jack Whitten, the place polkamajoes joined Troll Club in a gambling party, typically, everyone lost.

With two minutes to go, Ham Tviron, secret House Skill, called for a day $4,000. M. Greeth screwd his courage to the sticking point and gambled his $1,000 roll on the red. D. Krippin won the Prize with $2,000.

Another prize was won by Jauwline, who saved his blind date from shame by modestly claiming Polkamajoes continued mention of devastation's Institution for cultivation of one's athletic prowess.

Boddie Runson and Roll Darc Apis went well, with sound effects by T. Dodge and floor show by Brent Banta and friend. Explanation of Dodge was abundantly profane, Banta was not prone to argue.

Puertat playful

It was midtime in the Tech Office. On stage: Eds, trols.

Best: Edi Grethall.

Best: Hey E, those two dots I see you guys with at Boll's were they--

Edl: Their two be two tracks meet too.

Best: Getting any yet?

Black elements bleed

To advance science and to make five dollars each, Measure, Reicher and C. Ball went to do rose blood to this. Reicher saved him for the snow party where he was not an old-guy friend with short black hair. C. Ball stuck his blood money and bought his mistress a dozen red, red roses for Valentine's Day. He is no longer so destitute. Having opened a Lawrence Memorial Museum built around the contents of the Hall-Joel Schachman.

MAGNITUDE

(Continued from page 2)

when in high school, Ron displayed a flare for art. Among his hobbies is squalo effects photography, in addition to his art. Ron displays a rather sharp and (for me) enjoyable sense of humor which may be encountered in some of the more fanciful magazine features.

Paul Arram Schouten, a sophomore majoring in astronomy, is assistant editor. His contributions to the magazine have thus far included several short stories, some bizarre effects, and a report of a spare

(Continued on page 8)
Tech geologists develop new method to hidden deposits

A new method of prospecting for hidden mineral deposits may result from discoveries made recently by scientists at the California Institute of Technology.

Dr. Engel, first collected rock specimens containing calcite, dolomite and quartz from the unaltered areas around the outside of the halo. He then collected from within the halo, moving in narrowing circles toward its center and finally taking samples from drift bares where the concentration of ores was heaviest.

The next step was to analyze the specimens from the unaltered beds outside the halo to see how their chemical composition varied in texture, chemical composition or oxygen isotope composition. They showed no variation in texture and no variation in their concentration of elements. Their oxygen isotope composition was uniform and constant.

Dr. Engel then analyzed the specimens from the alteration halo. He found no variation in their texture or their chemical composition, regardless of their proximity to the central ore deposit.

Valuable tool

What the mass spectrometer showed was that the ratio of 16 to 18 of the 120- to 160-million-year-old rock was 0.37. Other analyses of the rock from the unaltered area around the outside of the halo gave ratios of 0.38 and 0.39.

Students' Day event

The Los Angeles chapter of the Institute of Radio Engineers will hold its 1957 students' day program on Tuesday, March 5th at the Institute of Aeronautical Sciences Building near the Pan Pacific Auditorium in Los Angeles.

A round of short, informative, talks by the faculty of Cal Tech and some of the country's finest radio engineers will be held in the afternoon from 1 to 5 p.m.

The evening program will include a banquet starting about 6 p.m. and a panel discussion on military electronics from 7:30 p.m. The banquet is free for all students.

If you wish to attend, contact Herb Rauch at 604 South 15th Street in Los Angeles or visit the secretary in the B. E. department office in 210 Throup.
Tech track team wins '57 opener

Coach Bert Lollar's varsity trackmen opened their season Saturday by overpowering Pasadena Nazarene, Cal Poly, and Cal Baptist in a four-way meet at Paddock Field. The Beavers scored 107 1/5 points to Pasadena Nazarene's 42, Cal Baptist's 41, and Cal Poly's 28. High points for the Beavers was four doubles, tied with the high jump, and garnered second place in both hurdles races. McClure picked up his points with a tie for first in the high jump and fourth in the high and low hurdles. Johnson concentrated on the throwing events for scores, winning the javelin and shot put and taking third in the discus.

Caltech took first in nine of the fifteen events, with Pasadena Nazarene winning the other six. Performances in the field-events were hampered by a mist-soaked field.

Other first place winners for the Beavers were Ron Forbess, 440; Larry Kraus, high jump (12); Larry Whitlow, discus (11 ft. 9 in.); and the mile relay team of Forbess, Marty Tangora, Tony Lundgren, and Ed Krebslie.

SUMMARY:

Mile: Coulter (PN), Hall (CT), Read (CT).
High jump: Kraus, McClure (CT), Van Kirk (CT), tie, Hall (CT); and Luekenberger; tie: 5 ft. 10 in.
High McClure (CT), Van Kirk (CT), Hageman (CT);
Javelin: Van Kirk (CT), Hageman (CT), Cleveland;

Injury to Cormia costs Beaver net squad win over Pomona-Claremont

Pomona-Claremont spoiled the 1957 debut of the Caltech tennis team last Saturday, edging the Beavers 5-4 on the Sagehen courts. An injury to Frank Cormia, Caltech's number one singles player, forced a default of the first doubles match, which gave the Sagehens the edge.

Today the Beavers host Los Angeles J. C., and on Saturday they resume their conference schedule against Occidental. 

Caltech closes hoop schedule

Caltech's 1957 basketball season comes to a close Saturday, as the Beavers host Pomona-Claremont in an SCC encounter. In their first meeting this season, the Beavers defeated the invaders 74-60, with Mike Gray, Steve Smithwick, and Herb Rauch leading the scoring attack.

Saturday's game shapes up as a much closer contest, as the Beavers have discovered a fast-break attack and a sophomore sharpshooter named Fred Newman to greatly increase their scoring total recently. Newman has averaged close to twenty points a game in the last three weeks of play, and Glenn Converse, junior forward, has consistently scored in double figures.

Four seniors play the final game of their college career Saturday. They are Jim Welsh, Jim Workman, Howie Bloomberg, and Herb Rauch.
Thindclus face Whittier, Redlands, Tigers at Oxy

by Steve Rasmussen

Caltech's varsity track team will face its first real test in a four-way meet with Whittier, Redlands, and Oxy Saturday afternoon at Occidental College. The Oxy Tigers permanently have one of the best small college track teams in the nation. This year's team is no exception. Backed by Olympian hurdlers Barry Wray and Ty Hadley, the Tigers figure an easy win despite having to compete against three schools.

The Beavers rolled up 160 points last Saturday in a four-way meet, but considering their opposition, it will not have much bearing on this weekend's meet. Tech's main strength lies in the half-mile and, of course, the javelin. It should be only a matter of time before Bob Boekeloo and Mike Tisch both get under two minutes in the 880. Bob ran 1:52 in last year's conference meet and should run well. It is likely that this year's conference meet and should run below that level. Vic Heber, who broke Phil Conley's frosh record last year, figures to place up high. In the javelin throw, the Tech special- ty, he is backed by Chuck Luke and Lanny Lewyn, both very able throwers.

A problematical entry is Bob Emmerling in the mile. Emmerling will not have this year or next. And all along the way, from the fast, and just as far, as you're able.

Newman hot as hoopsters lose

Occidental and Chapman downed the Caltech varsity hooper last week, to stretch to five games the Beaver losing streak. Occidental pulled away in the final minutes to hand Caltech a 21-5 loss, and Chapman built up a big first half lead to take a 22-60 win, on Wednesday and Saturday of last week. Both games were held in the victors' gymnasium.

Caltech was in contention throughout the first three quarters of Wednesday's game, trailing only two points, 47-45, with ten minutes left in the game. Then Occidental scored 15 straight points to sew the game up. Fred Newman scored 20 points for Caltech, while Tiger Ted Tiffany led Oxy with 18.

Chapman, led by Art Blas and Bob Hamblin, pulled in an early 10 point lead and maintained it throughout the game. Blas made several spectacular driving lay-ins to continually confound the Beaver defense, while Hamblin controlled the boards and scored 22 points for Chapman. Blas had 31 points and Newman led Caltech with 18 points.

The Sports Corner

by Dick Van Kirk

With the basketball season just about over, most Caltech students can breathe a sigh of relief and walk around with a clearer conscience. Writing is difficult to fit a good alibi for poor attendance at basketball games, it is a commonly known fact that nobody goes to basketball games, or even meets. It is a perfectly logical in many per- sons minds that they will not be asked to help support the spring sports program with their attendance, merely because of the above reasoning. I sincerely hope this attitude is not characteristic of the majority of the student body. With teams capable of winning the conference championship in most spring sports, it would be a shame if most of the students did not get a chance to watch these teams in action. Admittedly, the basketball team's losing record is not conducive to good attendance at these games, yet, in spite of the traditional accept- ance of basketball as a "major" sport. However, with most of the spring contests being held in the afternoon, I can see little reason why larger crowds should not be present at these events. At each home basketball game, about 4950 of the 5000 seats in the basketball stadium are empty. I'm not saying that we should try to fill the stadium, but a more sizable Caltech rooting section might make the players feel a little more en- thusiastic about playing. The old adage in flow a little bit easier when you have that sort of an external stimulus present.

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Plug of the week dept... Freshman basketball practice begins Monday. All freshmen who are interested are urged to report as this year's squad has several good prospects due to report. Jack Peterson will coach the 1957 edition of the frosh basketball team. Also, don't forget to try to make it out to the gam- nisium to watch the Caltech-Pomona-Cloerent basketball tournament. The invitational will be run as a four-game affair, and the two winners will meet in the finals for a chance to win the championship. This will be a tour- nament of champions, thus the competition will be close. If you're looking for a good ball game, this is where you'll find it.

One last bit of sports news... If you have the chance, try to see the Sagehens with some upset win. The Oxy team is a team of good, but not great, players. If the Sagehens can play up to their potential, they might just surprise the Sagehens with some upset win.

Ten years along in his telephone career

After graduation in 1947 from Kalamazoo College with a B.A. in Physics and Mathematics, Ken Boekeloo joined Michigan Bell Tele- phone Company as a trainee. Today, ten years later, Ken is a Division Plant Superintend- ent in Detroit. Eight district supervisors report to him, and they supervise some 1700 people, respon- sible for the installation and mainte- nance of plant facilities valued at $135,000,000, including more than 500,000 telephones.

A big jump in ten years? Here's what Ken Boekeloo says about it: "The way the telephone business is growing, it's a hard job to go from one level to another and just as fast, as you're able... And all along the way, from the student period through each assign- ment, the training and experience you get really prepare you for ad- vancement... If you like to make contributions and take responsibility and if you value the opportunities a growing business can offer, then the tele- phone company's the place to look for a career."
LETTERS

(Continued from page 2)

Footnote Number Two: Maybe an engineer can only look at things through engineer-eyes, a humanist through humanist-eyes, etc. In which case, everyone is more to be pitied than condemned, and the answer is possibly a little more empathy all around.

(Anon. withheld by request.)
February 11, 1957

EDITOR'S NOTE

Although neither editor is the author of the editorial under discussion, I feel constrained to add a few pertinent remarks. The question of the phraseology of the letter shows a healthy concern with results, if it is not controllable that the less ambiguous phraseology of science may aid in the solution of humanistic problems, why must it be discarded for a less effective tool? I might point out, as an example of such humanistic problem solving through the use of scientific phraseology, the advancements of contemporary literary criticism achieved by utilization of the more precise terminology of psychology.

Nordr not agree that making lists, per se, should be foreign to the humanist. Until the late nineteenth century, humanistic activity was quite properly concerned with the material that is now almost exclusively the domain of science. Moreover, the editorial did not suggest simply "to increase the number of humanities courses," but contained the subtly different suggestion "to increase the number of required and elective humanities courses." True, the problem is an internal one, requiring the development of new attitudes, but these are only rarely self-generated. In most cases, a stimulus, such as a well-sought course in modern philosophy, is necessarily prior to the realization of such attitudes. Having been an observer during this process, I have quite a bit of confidence in the value of appropriate "humanities" courses when presented intelligently.

I doubt that the scientist and the humanist view life in the diametrically opposed manner suggested as a possibility in the footnote of the letter. Outstanding scientists have frequently been outstanding humanists: Einstein and Schrödinger did not run to the philosophical and aesthetic significance of their scientific work. But in any case, "a little more empathy all around" would certainly be a good thing.

Frank Kody

MAGNITUDE

(Continued from page 4)

time project in mathematics and astronomy.

Other members of CD attending this Tech include Bruno Allende, Ted Bate, Bob Chadnos tomor, and Gary Schmidt. Some of their names may be seen in future issues.

Two summers ago CD hosted the eighth annual Westercon, West Coast Science Fiction Conference. This coming July, CD will sponsor another Westercon to be held in Hollywood. At that time there will be an art exhibit, a preview of experimental films, some speeches by prominent authors, and other activities.

West Coast Science Fiction, which was originated by A. E. Van Vogt, can be obtained at the Los Angeles Science Fiction Society’s address in Los Angeles, California.

What's doing...

at Pratt & Whitney Aircraft

New "high-road" to JET ENGINE FRONTIER in Florida

Heralding important things to come, work began in late summer, 1956, on a wide access road in a remote section of Palm Beach County, Florida. At the end of that road, situated northwest of West Palm Beach, a 600,000-square-foot plant destined to be the newest addition to Pratt & Whitney Aircraft engineering facilities is already well under construction.

Here, engineers and scientists will soon be hard at work dealing with new and increasingly complex problems relating to advanced jet aircraft engines. Working in close coordination with men at other Pratt & Whitney establishments — particularly the company's multi-million-dollar Andrews Williston-Turbine Laboratory in Connecticut — this newest section of the Pratt & Whitney Aircraft team will face a challenging assignment. They, too, will be concerned with design, testing and development of highly advanced, extremely powerful jet engines which will join a family already including J-57 and J-75 turbojets, currently playing important roles in the growing military and commercial air power of the United States.

The engineering graduate who begins his career at this Florida facility will have the rare opportunity of keeping pace with its anticipated growth. In an organization replete with development engineering opportunities, he will gain invaluable experience working on vital, long-range projects that are a challenge to the imagination.

World’s foremost designer and builder of aircraft engines

PRATT & WHITNEY AIRCRAFT
DIVISION OF UNITED AIRCRAFT CORPORATION • EAST HARTFORD, CONNECTICUT