Mudd Donates Central Library

Scholarship Policies Explained

Jones Considers Tuition Increase

"We expect a 15 or 20 percent increase in the number of scholarship applications next year and a further increase of a third in amount requested. We will increase the CIFT part of the fund by 25 percent and hope to draw as many as possible rather than give it all to a few," Dean L. W. Jones, director of undergraduate scholarships, explained the scholarship committee's new policies to the California Tech yesterday.

Institute Scholarships

About one-quarter of the undergraduates are on scholarships which come from Institute funds. The scholarship budget will be increased from $180,000 to $132,000 next year. "The amount of tuition each student will be asked to defer will depend on the demand relative to these funds," Jones emphasized.

All scholarship applicants will be interviewed individually in order to help determine need and ability to pay. "We will consider everyone as an individual case," Jones stressed. "A blanket rule cannot apply in a human system to every individual."

Four-Year Scholarships

Another quarter of the student body receives aid from outside sources. "We have not asked any outside donors to cut stipends," Jones emphasized. "We have written explanations of the whole situation to those donors who require a yearly description of the Institute's policies. We do not expect any new four-year scholarships to be cut; many are keeping up with the increase in tuition."

Jones also pointed out that the new deferred tuition plans will be in an open ended "if a student is going to have a hard time going to graduate school and paying off his tuition, all he has to do is to go see Mr. Green and the situation will be worked out."

(Continued on page 3)

190 Fresh Choose Caltech Education

One hundred and ninety new faces will brighten Tech next fall when class of '63 comes for the first time.

Small consolation to old-timers is the fact that the incoming class has college board scores, which are not much higher than the scores of many freshmen.

As usual, the students are coming from all over the world. Taiwanese, Indian, Argentinian, Israeli, German and Alaskan are representative of the many places from which applications were received.

The admissions office hopes for an all Relation class of '63 and expects a few cancellations over the next year. Many of the present students can cancel, some of the vacant positions will be offered to College Board exam takers of May, those who were sick at earlier dates.

B & G Moves: Open House To Be June 4

The Physical Plant Department—affectionately known as B & G—will complete its transfer this week into new buildings in preparation for an open house June 4. The move will open the way for construction of Caltech's new student Houses and Student Center in the space currently filled with Physical Plant's work shops.

The new building, facing on San Pasqual, will house all of Physical Plant's 200 workmen, in addition to the guard office and the supervisor of custodians. It will provide space for Physical Plant's engineering department, including a drawing lab, shops for the department's seven divisions, and much needed storage room.

Cost of the new structure was $100,000.

In addition to attending Institute graduation and physics graduation, Physical Plant employees serve as contractors and consulting engineers at Caltech. In recent years, the department has drawn plans for several Caltech buildings, including some of the plans for the current development program, as well as completely designing the new Church laboratory.

Jovin, Efron Win Shepard Award

Jovin and Efron, who received the 1960-61 Don Shepard Award last week, each will receive $200.

The award was established in memory of former Tech student Don Shepard by relatives and friends. It is awarded annually to one or two students to enable them to participate in extra-curricular and community cultural activities.

Duke, Foss, Pings Picked As R. A.'s

New resident associates for three Student Houses were named last week, according to Master of Student Houses Robert Huttonback.

Bob Foss, the new Blacker Resident Associate, is a first-year graduate student in chemistry. He served as freshman TA and hopes to keep the same job next year. Foss has been active in the Boy Scout movement, serving, and John Cooper, Throop Resident Associate, is a first-year graduate, class of 1957.

A Tech Tour . . .

Entering the ground floor, the students will find a large circulation desk, where all books will be checked out and returned and where all reserve books (found in the circulation desk) will be a complete card catalog in the south wing. A large Board of Trustees room will be used for exhibitions and confer ences. They will also hold a Rare Books room in which the Institute hopes to gather all of its valuable, important, parts of which will be open to the public.

In the north wing, there will be of the 150 carrels in the building. These are individual study desks, which will be provided on all floors in answer to students who wish to study alone.

Group Study Room

For small groups of students wishing to study in conference for courses, there will be small group study rooms.
We’re Taking Notes

Last week the ASCIT Executive Committee began setting up its agenda for the coming year. One of the things they plan to talk about is the definition of ASCIT’s purposes and the possible reorganization of the organization to emphasize new policies. We are in whole-hearted agreement with this idea. As we see it, the big difficulty with ASCIT is the Board of Directors—it’s structure, its methods, its policies and its members. To most people the BOD is ASCIT.

First of all, the Board is inefficient. We’d hate to account for the number of man-hours spent in this term in meetings alone; it’s probably several hundred. The budget was this term’s Armegaddon. For the most part, the Board’s mind was made up before the various individual items were discussed; the arguments with the visitors could have been held on a less organized basis and saved everybody time.

The BOD tries to do too much as a unit. It’s not justifiable, practically or philosophically, to have the social chairman discuss or vote on athletic awards.

There is too much emphasis on Board membership and not enough on the individual jobs. A candidate for office says, “I want to be on the BOD, so I guess I’ll run for dog catcher” rather than “I want to be dog catcher.”

We’ve already commented upon the number of little brown envelopes that show up in our mail box each week. They’re not all from the YMCA.

The Board seems to be making work for itself. Pete Lippman’s letter about “the ASCIT political game” demonstrates the feelings created when each BOD tries to study more problems than it can.

Our suggestions are: more emphasis should be placed on individual jobs and less on BOD membership; a better budget is needed; more things ought to be considered informally on individual jobs and less on BOD membership; a better budget is needed; and more attention paid to keeping the ASCIT political game out of the BOD.

Here there will be a small math reference library, in addition to the reference collection on the second floor. Poor small emblems for single occupancy will give complete privacy, but this floor will have several group study rooms and many carrels, too.

The chemists and biologists will share the fourth floor, with the geologists occupying the top level. The geology section south wing will contain the department’s elaborate map collection arranged in a large room. The building will be air-conditioned. The hotel lobby type, at least, will be open to readers. Added frills include an after hours book drop next to the front door, and a sizable coat room for hanging coats in stormy weather.

Present plans, according to Stanton, call for keeping the building open up at least until midnight, seven days a week, and later at certain times of the year perhaps even better. Dr. Mudd hopes that the library will be a place “where students I.D. as places.”

President Lee A. Dunbridge predicts: “The Millian Library is destined to become one of the great scientific and engineering libraries in the West.”

Col. Alexander Speaks At ROTC Award Ceremony

APROTC awards were present last night at the annual awards ceremony in Culbertson Hall. The affair was highlighted by a speech from Col. Wm. D. Alexander of the Development Careers in a Space Age Air Forces.”

The Medal was awarded to Cadet Jerold Graham for scholastic achievements. The Medal was awarded to Cadet Jerold Graham for scholastic achievements.

The Professor of Air Science Medal was given to Cadet John Todoroff for outstanding characteristics of leadership, military bearing and excellence in academic studies.

The Chicago Tribune Silver Medal was awarded to Cadet Richard Harris for military achievement.

The Ash Grove Presents

Sahl, B. Davis Vie for Ricketts

Sahl and Barbara Davis are competing for the title of “Chicago’s Best Entertainer.” Recruited by Tech admirers, the two entertainers are dining at Ricketts.

Sahl, the “intellectual clown,” has a telephone reference point where all the clubs and coffee shops on the West Coast, dined here last night. In a visit arranged by Ted Sahl, Mr. Davis, speaking on “Influence in the Modern World,” will feature a display of current books.

Aeronautics and Engineering books will be shelved on the second floor. A seminar room will be planned to accommodate 40 people. The second floor lounge will feature a display of current professional journals.

More Science Happenings

The Math, Physics and Astronomy departments will bring their books to the third floor.

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Thanks

We came out of Dean Jones’ office yesterday feeling pretty good.

The scholarship committee will do all within its power to help everyone who needs it. They’ll do it on an individual basis, with each person’s “fract” figuring in the reference point. They’re already giving away more money than they have. And they will have several group study rooms and many carrels, too.

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BRIGHT LIGHTS . . . COFFEE . . . . . AND SHOES
by griffen

After an absence of several months, our good friend Joel Yellin finally returns to the feature scene. Undaunted by the attacks of the humanities department and the wrath of the students, Yellin shows his great courage by writing one last review before his permanent exile to Malta, where he plans to write his first historical novel. He is going to call it The Queen's Midwife. Strangely enough, Yellin has included very little criticism of the ASCIT play in this review. However, the change of heart must not be taken for granted. Many claim that our good friens was quite out of his mind at the time due to the presence of an oxy coed (36-22-36) sitting directly across the room. It appears that Yellin never saw the play. From all of us on the Feature Staff—good luck, Joel.

BY JOEL YELLIN

The ASCIT play, John Patrick's "The Hasty Heart," presents problems which can be quite difficult to solve. "Teahouse of the August Moon," Patrick's later prize-winning effort, takes much from the earlier work. The great development comes in the author's much more skillful use of character interplay as opposed to the long and directly philosophic speeches of "The Hasty Heart." The makeup of the play presents some grave directing difficulties in that the long speeches, and the dependence on between-the-lines acting become tremendously important. Further, the script is such that the parts become very hard to put across genuinely especially that of the nurse.

Despite all dire perils, however, credit goes to Ken Dinwiddie for an almost uniformly professional performance. Except for a few lines in the third act, which were lost in a blast of over-emotionalism (probably just misplaced direction), he gave a much better than adequate performance. His treatment of the difficult tender scenes in the last two acts was at times, quite beautiful. I was amazed that in the entire play he lost his accent on only one word, a very difficult feat for an amateur who does not practice.

Reach Well Equipped
Karen Beach, playing the feminine lead, had all the equipment, voice, movement, and did it a better than adequate job, but I think she missed the humanizing element in the nurse. One had the general feeling in the secondact love scene that for this woman to fall in love was somehow unnatural, inhuman almost.

The rest of the cast was not so uniformly good. Bob Goff and Bob Poe hammered it up but came out on top. Bill Bilbao did an atrocious best-dressed job, slipping up his lines badly. His characterization never came alive, although his technique improved a little as the play wore on. Jim Ulman did a very creditable job as the Colonel. Dave Kubrin was adequate. (Man! He was right out of the jungle for a Gillette ad.) Larry Elmore as "Kow" and Chris Larson presented a sterling performance as the sub-orderly. His line, "The Colonel sent me" had me in stitches.

(Continued on page 4)

Faculty Board Adds Courses, New Option
A new chemical engineering course to replace applied chemistry, new courses in history and several options and revisions of the physical metallurgy and civil engineering options were approved at a faculty meeting last Monday.

The ChE option was created to provide both BS and MS degrees in chemical engineering. New requirements are similar to those in now-eliminated applied chemistry, but additions and changes have been made. The new option includes revision of several CH courses to ChE subjects, addition of a special EE course for ChEs, and additional elective time.

The two history courses in Modern India and International Law will be given by Hutton-Che and Elliot.

Scholarships (Continued from page 1)

Jones added that in the last week Caltech received another $50,000 for the Governor's Scholarship fund, bringing total available to $50,000.

Pretty Well Off
"We think Caltech's scholarship program is actually pretty good," Jones said. "This year at CIT, 57 percent of the undergraduates received scholarships. That new requirements are similar to those in now-eliminated applied chemistry, but additions and changes have been made. The new option includes revision of several CH courses to ChE subjects, addition of a special EE course for ChEs, and additional elective time.

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BY PIERRE SUNDORGB

Today there are scores of record companies in the U.S. Most of these, unfortunately, are catering exclusively to the mass market, and are not particularly worried about achieving more than a bare minimum of fidelity. To my mind, there are only three record manufacturers in the U.S. that are doing their level best to put out quality products. Next time well deal with the mass market and quality boys. I remember a demonstration that the Jim Lansing people gave on campus two years ago. They were showing off their then new Hartford speaker system. Much better than the old, and all the rest of the goodies. The demonstration had gone well, and the equipment was good. Everyone was suitably impressed. Then, without warning, something wonderful happened to the sound. What had been ordinary turned into something incredible. The reason? The demonstrator had simply put a new record on the turntable. He had been playing good stuff all evening. Capitol, Westminster, and all. But this was different. After the demonstration there were more people, clustered around that mysterious record than around the equipment which was the real subject of the demonstration. The record was made by a little-known company called Audiofidelity Records of Racine, Wisconsin.

Audiofidelity puts out two series of records. One is a regular 33 rpm, set of monoophonic discs. The other series is designed for the perfectionist. These are 45 rpm microgroove records. If you have a three-speed turntable and a top-quality pickup, these records will provide just about the best sound this side of the finest hall. The secret lies in the high speed, which makes it possible to record high frequencies without audible distortion.

Be forewarned that the record will cost about $6, and that it is hard to convince a record store clerk that 78 rmp microgrooves exist.

The second worthwhile record label is the well-known Audio Fidelity series. The monophonic records produce fantastically clean sound. The full dynamic range is there, although a really good system is required to do justice to these discs. Especially recommended are any of the Dukes of Dixieland albums (there are nine of them now, all equally good). Most of the old monophonic discs are now available in stereo. These are as good as you could desire, although somewhat expensive.

The new "First Component Series" is something else. I find that even my Dynaco Stereo-Dyné cartridge in a Pickering Professional arm has real trouble with these discs. The groove excursions are something to frighten the best of cartridges. Don't bother to get one of these records unless you have a new stereo cartridge which costs at least $30.

The third brand of records which I consider good is San Francisco, now renamed Barlow. They were made by a couple of ex-radio men in the Bay area. They were made with the best of equipment and pressed by Capitol's excellent shop. The real beauty of these records is that rather indefinable quality called presence. Try one and see. I can't explain it.

BY JOEL YELLIN

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(Continued on page 4)
Six Athletes
Head Spring
Awards List
Six of Caltech's best athletes were presented special awards last night at the annual Spring Awards Banquet. Frank Corns, Ron Forbes and John Stone, all seniors, won awards, as did John Walsh, Gary Tibbetts and Dean Gerber.

Major Interhouse trophies were also awarded at the banquet. Dalaney received the Interhouse Sports Trophy and the Goldworthy Scholastic Trophy. Fleming coped the Discobolus and Varsity Rating trophies.

This year's Vesper Basketball Trophy winner was John Stone, who was among the leading scorers in the SCIAC and was captain of the team.

Ron Forbes was awarded the Goldworthy Track Trophy, given to the varsity trackman who displays the greatest team spirit, sportsmanship and proficiency. The Scott Tennis Trophy went to Frank Corns, the number one man on the varsity tennis team.

John Walsh, the leading hitter in the SCIAC this year, won the Alumni Baseball Trophy for the second straight year. Walsh was picked by his fellow teammates as the most outstanding player on the team.

Sophomore swimming sensation Gary Tibbetts was awarded the Campbell Swimming Trophy on the basis of his fine showing this year on the varsity team.

Freshman Dean Gerber, the sparkplug of the frosh basketball team this winter, was awarded the Carl Shy Trophy. The trophy is given to the frosh basketballer who displays to the greatest degree the following attributes: spirit of competition, teamwork, ability to improve, and attitude.

Bright Lights . . .
(Continued from page 5)

several patrons in tears.

On the whole, the direction made the play suffer more than anything else did. The tempo had a tendency to drag, as per the script difficulties I mentioned before, and shutting is passe these modern days, even more so under understood.

Fromornia Tech doesn't come out on adequately solved. I enjoyed the script difficulties I mentioned before, and shouting is passe these modern days, 'especially when the lines can't be understood. I don't think the direction was really poor, but the problems to be met were not adequately solved. I enjoyed the performance; too bad the Cali­ fornia Tech doesn't come out on inadequately solved. I enjoyed the script difficulties I mentioned before, and shouting is passe these modern days, 'especially when the lines can't be understood.

Friday night. Ah, well, Bruyere said the pleasure of criticism is that of being deeply moved by very beautiful things.

HOW TO MAKE $25
Take a word—substitute, for example. With it, you can make an artificial hedge (substitute), a washing machine (substitute), an English lemonade stand (substitute) and dehydrated food (substitute). That's Thinklish—and it's that easy! We're paying $25 for the Thinklish words judged best—your check is itching to go! Send your words to Lucky Strike, Box 67A, Mt. Vernon, N.Y. Indicate your name, address, college or university and class.

Get the genuine article
Get the honest taste
of a LUCKY STRIKE

Product of The American Tobacco Company— "Tobacco is our middle west"