The Selective Service System recently released a list of proposed changes in their regulations which will affect young men facing the draft process in the future. The changes—which were first proposed to the public for review in early November and now are amended after further study—concern procedures for personal appearances and appeals, among other major subjects. The proposed changes are expected to become effective throughout the more than 4,000 local draft boards in mid-February. Until they become effective, Selective Service will continue its moratorium policy on all personal appearances and appeal board actions.

One of the major changes proposed today guarantees the right of each registrant to request an appeal following an adverse decision at his personal appearance with his local board. Another proposed change allows a registrant who receives a local draft board denial of induction to receive consideration from his local board for deferment and exemption requests, including a claim for conscientious objector status. The revisions set a 15-day time limit during which a registrant must present a personal appearance or an appeal, but they permit the local board to grant an extension of this period when a registrant demonstrates that his failure to respond within the 15-day limit was unavoidable.

Continued on Page Four

Graduate Students Face Prospect of Tuition

by Phil Neches

Approximately forty graduate students will have to pay tuition next year, or the equivalent in revenue made up somehow. Dr. Harold Brown told an audience of approximately two hundred graduate students Monday night. Between 1968 and next year, Caltech has lost about 200 Federal fellowships, the institute cannot make up all of the loss, he said.

The cut in federal funds, in addition to a slight decrease in support for graduate education from industrial sources, will mean a loss of about $230,000 next year, and over half a million dollar loss the year after. Dr. Brown indicated that next year, about 2/5 of the total support the Institute will have to pay tuition.

Division of Physics

Dr. Pings, Vice Provost for graduate affairs, indicated that there was uncertainty of funding options. He says it seems to be not to cut the number of graduate students.

continued on Page Six

SSS Changes

Draft Revisions Proposed

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Continued on Page Four

Your $2 Worth

ASCIT Budget Figures Released

No preference (0.03%) $1,05 Total

$1494.85 given to clubs and “other activities” broke down as follows:

Others, general (17.91%) $255.19
Clubs, general (33.94%) $507.37
BSU (1.32%) $19.76
Band (1.01%) $15.10
Bridge Club (0.89%) $13.26
Athletic banquets (3.49%) $46.78
Club (26.97%) $943.95
Others (17.54%) $550.90

No preference (0.03%) $1,05
Total

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Below are the results of how the members of ASCIT decided to allocate this term’s budget. The percentage figure indicates the fraction of the total budget given over to each activity. Of the 685 ASCIT members surveyed, 14 (3%) expressed no preference.

Major Expenditures:

Scholarships (19.47%) $608.95
ASCIT Meetings (27.4%) $595.00
Athletic awards (6.4%) $224.00
Athletic banquets (3.49%) $46.78

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Community Relation Fund

(0.18%) $2.26
Coffee House (1.13%) $46.78
Cycling Club (0.28%) $4.18
CFP (2.29%) $43.16
Deasert Club (1.49%) $22.17
Debate Club (1.21%) $18.09
Darlaum (1.34%) $20.03
ESC (1.31%) $19.55
Continued on Page Three

Environmental Safer

Five Years to a Fusion Reactor?

by Etoin Schroedl

Environmentalists hope that nuclear fusion reactions will be harnessed to producing a large accumulation of ground ice, or possibly by wind action on loose material.

JPL scientists speculate that these Martian hollows were formed by thawing of a large accumulation of ground ice, or possibly by wind action on loose material.

Dr. Holdren, cited nuclear fission, becoming uneconomical as a commercial power comes from under the assumption that some people didn’t know what the play was about, and the off-chance that anyone cared to know, the Tech questioned contractor Tim Erickson, director Bruce McLaughlin, and producer Greg Simay. After a few evasive answers someone found a script and a synopsis was quickly compiled.

The action takes place during a day in 1815 aboard, appropriately, the H.M.S. Pinafore. Captain Corcoran and his eighteen year old daughter Josephine is to be married to his superior officer, the adorable midshipman Sir Joseph Portes, K.C.B. However, Josephine is in love with Ralph (pronounced with an “e” sound) Calvert, a lowly seaman. The plot’s first thickening occurs when Buttercup, a Portsmouth bumbout woman (it’s nothing dirty) who sells lollipops to short sailors, confides to the audience and the heroines hopefully discovers that he has a secret.

What’s My Line? Ralph (or “Ralph” is about to kill himself after Josephines steps in and announces that she loves him. The audience’s disappointment is mildly appeased by the entrance of Sir Joe, who has come to take Josephine away. However, finding her indifferent if not hostile towards him, he explains that she shouldn’t feel bad about being so much better off, that she can’t blame him in such way, however, (i.e., singing) that Josephine doesn’t know what the play was somehow, Dr. Harold Brown told an audience of approximately two hundred graduate students Monday night. Between 1968 and next year, Caltech has lost about 200 Federal fellowships, the Institute cannot make up all of the loss, he said.

The cut in federal funds, in addition to a slight decrease in support for graduate education from industrial sources, will mean a loss of about $230,000 next year, and over half a million dollar loss the year after. Dr. Brown indicated that next year, about 2/5 of the total support the Institute will have to pay tuition.

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continued on Page Six

YMAC Notes

Bangla Desh Talk Today

by Claude Anders

MAMMOTH—The Y is planning a ski trip to Mammoth on February 12. If you are interested go by and let them know.

HARRIS—David Harris, Joan Hals, and Roy Hals (Columbia ‘71) will be on campus all day February 15. A meeting for students interested in hanging out and visiting and planning activities around it will be held in the Y Lounge at 3:00 p.m. next Wednesday.

CAMPING—The Y camping equipment has arrived. There are sleeping bags, back packs, cook...
by millikan troll

The Millikan Parapsychology Building made its television debut in "The Sixth Sense" over the weekend. Well, it's nice to know that Caltech is looking into spooks, poltergeists, doubles, and things that go bump in the night (the PDP-10). However, graduate students will be glad to know that Caltech gets paid $500 per day when the minions of Hollywood turn into "Vandam Research Center" and other portions of fairyland.

Reliable rumor has it that Gates will be demolished, time as yet undetermined. Demolition of Caltech will supposedly commence around the 26th. And ground (street?) breaking for Behavioral Biology is coming up soon. Also, a plan for landscaping around the remains of Throop has been settled on. Today's Constitution meeting is set to be brought to you by McGraw-Hill.

Letters

 Sinatra's article, by Elinor Schreuders in the January 13 issue of The California Tech was interesting and gives a good account of the kind of change that has occurred here during the past five years. I may seem picaresque but I believe that there are inaccuracies, both explicit and implicit, in Sinatra's current proposal for present requirements for a degree in chemistry.

The great quote of the week may be found in the most recent Computing Center Bulletin: "The bookstore has new manuals available for the PDP-10. For a change, they describe the software that is actually running and not what we had six months ago."

Top of the Week

We are told that the Dean's Office end of Throop has been decimated this week. Drs. Bonner and Huttenback are out, at least temporarily, with reports of trouble simmering involving students being in the old houses after 11 p.m. or something similar. The winner of the ASCIT budget competition appears to be the Computing Center club, which got 26 cents. Finally, Add Day is tomorrow.

WATKINS REPORTS

We Have A Right

Young people have a right and a responsibility to participate in all public and private decision-making processes which affect their lives.

This unequivocal conclusion was set forth in a Position Statement just released by the National Assembly for Social Policy and Development, an association of organizations and individuals created to develop and promote policies and programs essential to the social health and unity of the nation.

The inclusion of young people—not in legislatures to establish 18 as the uniform national age of majority, but in decision-making by young people who are non-conformist, in choice of unconventional programs designed to lead to unusual professional activity is available. To demand that our students take such a course would make even less sense than to demand that they take a rigidly prescribed traditional program.

--George S. Hammond, Chairman
Division of Chemistry and Chemical Engineering

Tech Editors

We would like to point out an error which appeared in the January 13 edition of the Tech. In the article about Discobolus competitors, the members of Page House were referred to as "Pageboys." Everyone in the know will be quick to point out that this is a sexist label for people from Page is "Page Dudes." In the future we hope that our staff will endeavor to be more accurate.

Mike Mariani
Page House Secretary

FRANKLY SPEAKING

Henry Hammond

The paper noted that "the selection among alternative life styles is a decision the individual has the right to make," and strongly supported participation in decision-making by young people who are non-conformist. The Position Statement called for leadership at the Federal level in articulating policy as it relates to new ideas of youth participation, the extension of the voting franchise to 18-year-olds, and provisions for every state legislature to establish 18 as the uniform national age of majority.

The National Assembly also urged the extension of the right to hold public office to all eligible voters, and participation of young people—not in secondary or ancillary roles—in decision-making processes.

Continued on Page Five

FRANKLY SPEAKING by Phil Frank

SO CLOSE AND YET SO FAR... PROFESSORS! THEY'RE PERFECT FOUR DOLLAR BILLS!

The ASCIT FRIDAY NIGHT MOVIE

THIS WEEK:

THE FORBIN PROJECT

Starring: Eric Braeden, Susan Clark, Gordon Pinsent, William Schallert

PINK PANTHER CARTOONS

FRIDAY; JAN. 21, 7:30 and 9:30 p.m.

in Baxter Lecture Hall

Admission: 50¢; ASCIT members and their guests; $1.00—anyone else

NEXT WEEK:

START THE REVOLUTION WITHOUT ME
**News Briefs**

**New Musicale Equipment Arrives**

The new Musicale equipment has arrived and will soon be installed. New keys may be obtained from Steve Morisugi.

**Budget**

Continued from Page One

<table>
<thead>
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<td>Musicale (1.75%)</td>
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<tr>
<td>Mythopoeic Society (0.08%)</td>
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**The California Tech**

**Continued from Page Two**

More 'Letters

Continued from Page Two

The redistricting game, both parties neglected such items as welfare and tax reform, pollution control, educational findings, and the increasing backlog in the state's courts. Control of the Legislature will change more on the performance of the two parties in attacking these issues, not in their gerrymandering legendarium.

I understand that the Legislature hopes to adjourn by the end of June this year, in order to free members for the summer of conventions and the ensuing Presidential campaign. I hope that the Legislature does not let a creditable and meritorious attention to the good of the country overshadow their more immediate obligation to their constituents. However, all indications seem to the contrary: if the Legislature meets half as many days, we can only expect it to do somewhat less than half as much. Half of last year's performance would sufficiently anger the people of California to put all of your precious seats in jeopardy.

If the Legislators do not feel compelled to serve the public well on their own, I do not think that added time pressure will increase their motivation.

Sincerely,

Philip M. Neches
Editor-in-Chief
The California Tech
PAVILION THEATRE — \$2.50 STAND UP \$1.50 ADMISSION \$1.00 SEated 

This is a non-profit non-political organization dedicated to helping students to help themselves.

The STUDENT AID SOCIETY

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+ Plans interesting tours to exotic lands!
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Draft Continued from Page One

is due to reassessments beyond his control. The policy proposal that a local board give a registrant at least 15 days notice of a pending personal appearance with the board, the state appeal board, or the Presidential appeal board, also was retained.

The package of regulations was the second major group of changes released in recent weeks by Selective Service headquarters. The major portion of these changes was first proposed to the public in early November and then effected throughout the System in early December.

The changes put into effect on December 10 included the phasing out of all new undergraduate student deferments, an increase in the time given registrants who receive induction orders (from 10 to 30 days), the establishment of classification 1-H as a new administrative holding category, and a major revision of the procedures and guidelines of the alternate service program for I-O conscientious objectors.
The following proposal was presented by the Excomm and approved by the BOD:

The Business Manager shall be paid only after the fiscal records for that book are audited by an agency approved by the Board of Directors. A senior may not be appointed Business Manager, since the term of office is usually longer than one academic year.

The Pasadena Symphony Orchestra will give two performances in Beckman Auditorium this Sunday, January 23, at 3:00 and 8:00 p.m. Robert Walton Cole, the special guest director for these concerts, will lead PSO through four pieces: Serenade No. 2 in A, Opus 16 by Brahms, Ode by Stravinsky, Symphonies Concertantes by Haydn, and Symphony No. 3 by Beethoven. Tickets are $4.00 and $2.50 general admission and $1.00 for students. Dr. Louis Borges closes out the Fall Caltech Lecture Series Monday, January 24, at 8:30 p.m. with a talk on "Implications of Recent Research on Dreams." Dr. Borges, one of Tech's few psych. faculty, will cover his own research, as well as that of others, in dream theory and the role of dreaming in psychological adaptation. The lecture, as always, will be in Beckman Auditorium, free, and everyone is invited.

Maria Marchowsky and her company will dance in, through, and around Ramo Auditorium for these concerts, will lead PSO and everyone is invited. Maria Marchowsky and her company will dance in, through, and around Ramo Auditorium for these concerts, will lead PSO and everyone is invited.

The National Assembly called for an expression of commitment and evaluation of all national organizations associated with it to determine the effectiveness of its participation, urged that measures be taken to make such participation real, and concluded:

"Being committed to the values and beliefs embodied in this statement, The National Assembly supports, and will seek to implement by every means possible, these actions to assure the full participation of youth."
The plot brings the villain, Dick Deadeye, on the scene. Deadeye, who has heard everything, explains the situation to the Captain as simply as he can, who then confronts the eloping lovers and begins to throw Ralph in the brig.

Cross Porpoises
Sir Joe, who has overheard the Captain cursing Ralph (Ralph, Rath, whatever), sends the Captain home for using foul language. He eventually finds out why the Captain was cursing, and begins to finish putting Ralph away.

Shot Up, Simay
It is at this point that Buttercup, who you have all forgotten about, enters and announces her Secret. "She was a baby farmer in a cabbage patch," McLoughlin carefully explained.

Fusion
Continued from Page One

Dr. Holdren studied with Dr. Paul Ehrlich, the environmental scientist, and he and Dr. Ehrlich have co-edited and co-authored numerous works on environmental problems. Dr. Holdren was speaking before a seminar presented by the Environmental Quality Laboratory of Caltech.
Water, Water...
by Bob Kieckhefer
Caltech's swimmers got their first taste of SCIAC competition last Saturday in the annual "no- pressure" relay meet held by Occidental. As expected, Claremont and Oxy finished far ahead of the other teams, with a Claremont disqualification in the backstroke relay giving Oxy the meet victory. However, Pomona is surprisingly stronger than last year, finishing third with 57 points. Caltech won the battle for fourth place, defeating a very small Redlands squad, 38-34. Tech's most successful entry was in the 200-yard breaststroke relay, with Desiderio, Kay, Miller, and Biscaino finishing third behind the unbeatable Oxy and Claremont teams. Tech's backstroke relay of Kieckhefer, Harman, Shields, and Sharp also placed third, partly because of the disqualification of Claremont's entry.

ROCHUS:
Four-house Scramble
for Interhouse Tennis Crown

by Gavin Claypool
A four-way scramble for first place in Interhouse tennis is all over, with Fleming, Lloyd, Page, and Ruddock fighting for vital trophy points.

The Ricketts doubles team of Francois Morel and Don Slankard play in the crucial remaining doubles matches. Although Ricketts can only finish fifth, the pair has an excellent shot at the doubles championship.


In the second singles, Dave Dummit of Page came in first with a total of 43 games. Rick Mitchell (Ruddock) and Tom Howell (Fleming) were second and third, respectively.

The leaders in the second were Eric Vella (Lloyd) with 32 games, Larry Niren (Ricketts) with 31 games, and Rich Short (Ruddock) with 30.

Page House Completes
Discobolus Circuit

Page House successfully defended the Discobolus Trophy Monday night, edging Ricketts House 21-18 in wrestling.

Craig Breskow and Rick Smoody pinned their opponents in the 175 and heavyweight classes to bring Page from a 18-9 deficit. The victory against Ricketts gives Page an overwhelming 14-point lead over second place Fleming, who caused the only upset on the Page record. Fleming tied Page in soccer, but Discobolus rules awards a tie to the defender. Lloyd and Ricketts are right behind in third.

Dave Novikoff won the 123 lb. class by forcing Cliff Brown of Ricketts. The Scurves regained the lead when Bob Durst decisively defeated Bruce Lewis pinned dynamic Channon Price. Dave Collier tied it up with a decision over Frank Forbeck, but a win by Ken Walker and a pin by Greg Sample over Bruce Fratello and Doug Matchett—put Ricketts nine points ahead. However, Jim Peterson and Francois Morel fell to the Page big guns, Brokaw and Smoody, and so did the Scurves' hopes.

The cover

HI LIFE
1758 E. Colorado
449-9705

The Hi Life is going full blast again!

Students from ages 18 to 20 are welcome, but may not drink alcoholic beverages.

Monday night: Amateur Contest (from noon 'til closing)
Tuesday: cover charge waived for those of drinking age
Wednesday: $1.50 per pitcher
Thursday: Professional Strip Night

The cover charge will be waived for all Caltech personnel of drinking age with presentation of Caltech ID.