Art contest begins tomorrow; Monday afternoon judging

The First Ever Millikan Library Art Contest is rolling forward to a grand conclusion, announced Dr. Robert Huttenbach, Master of Student Houses, Tuesday. Dr. Robert Wark, Curator of the Huntington Art Gallery, has agreed to be on the judging panel, along with Mrs. Jennifer Ross, artistic advisor for the Division of Humanities and Social Sciences and Mr. Morris Smith, director of the Art-Art Gallery in Pasadena.

Millikan completion delayed

Artists, would-be though they may be, will have two and a half days to complete their chefs d’oeuvre, from Saturday morning to 230 Sunday afternoon. Hut­tenbach may be overestimating the effect of the creations when he disclosed, “I expect the completion date will be considerably delayed by these masterpieces; the workmen will undoubtedly be slow to finish the long-awaited library, for it will mean tearing down such moving and eloquent testimony to the worship of Apollo.” At any rate, the win­ning House will take home $50, the runner up $20, and the one that places $30.

Publicity expected

Quite a lot of interest from unex­pected sources has been ex­pressed in the FEMLAC, as the contest is known affectionately. There have been noises about a faculty entry, and three of the four graduate houses have tossed hats into the ring. According to the News Bureau, there probably will be television and press coverage of the final judging. The Star-News will definitely report on it, but the LA newspapers aren’t definite.

Today at 12:29 the repre­sentatives of the seven under­graduate and three graduate teams will meet in the Master’s office to discuss the selection of the panels. None of the blue­painted panels will be used for the artistry, only the chaste white ones, several to each House. It is hoped that these will be per­mitted to select their best panel for judg­ing.

Second in orcs

This is the second in a series of memorable contests associated with the future library. The ini­tial contest, of course, was the First Annual Eucalyptus Chopp­ing Contest which pioneered the Millikan citizens. It is hoped that the success of FEMLAC will spark further crea­tive endeavors on the part of the halls.

So get out there and start shopping!

Stanton appointed Professor Emeritus

Dr. Roger F. Stanton has been awarded the title of Professor Emeritus by the Board of Trustees upon his retirement this month. He has been an English professor here for 40 years.

In addition to his teaching du­ties, Stanton has involved himself in numerous campus activities. He was instrumental in the creation of detailed specifications for the new Robert A. Millikan Memorial Library. From 1940 to 1962 the director of the Caltech’s libraries, he was also the co-founder of Caltech under­graduate plays, a member of the Board of Directors of the Pasadena Community Playhouse, and a di­rector of the Coleman Chamber Orchestra.

“Roger Stanton has exhibited the versatility and the grace un­commonly present in many the Renaissance re­presented as the highest virtues,” commented Dr. Hallet Smith, chairman of the Division of Hu­manities and Social Sciences. He described him as a man of many different areas of Cal­tech education.”

Caltech waits for Godot

According to Richard Hailey, director of the Regional Touring Theater production, Waiting for Godot still has great power to evoke human emotions. “This is a highly intelligent and socially relevant play offering a vivid mirror of contemporary society,” he claims. “Godot has been cursed and discussed, but it still has that exceptional power to get an audience in a profoundly emo­tionally way. We welcome the closeness to our own feelings that is offered by the Beckman stage.”

A prime example of the “thea­tre of the absurd,” Godot con­tains two wanderers, Vladimir and Estragon, (read Everyman) who have an appointment to meet someone named Godot. They arrive at the specified place and wait, and wait, and wait. Their discussions and the people they meet are often comical, but their condition is tragic.

Coming at this time, the play offers juniors who read it last term an opportunity to compare the written and acted forms.

The play is brought to Beck­man by the Faculty Committee on Institute Assemblies and Pro­grams as a program of unusual interest to the school and the community. Godot will star the same cast which won unanimous praise from the Hollywood and Los Angeles critics last spring. However, it is new with the public. Special Caltech student prices (up to two tickets per Technian) are $1.00, $2.25, $4.25 and $7.25.

Socialist speaks at Y forum, attacks US anti-Communism

by Kiffin

The YMCA Spectrum series began Thursday with a talk by Mr. Bernard Shapiro, a trade union organizer, representing the So­cialist Party of Norman Thomas.

Shapiro began with a critique of our present social structure and a description of the various social and political problems that plague this nation. He admitted that this country has the largest gross national product in the world, and that during the past 75 years, capitalism has made some progress in the fields of civil rights and the elimination of poverty. However, he added that capitalism can make only limited progress in these areas and that in their present form to preserve the interests of their own class.

Shapiro began with the biggest right facing this country is war. “Un­less war is abolished, the solu­tion to the other problems would mean nothing, because another war would end civiliza­tion.” According to Shapiro the root of the problem is a foreign policy based on “vulgar anti-communism” and a lack of respect for the interests of the other peo­ple of the world.

Super-democracy

“In this economy profit deter­mines economic growth,” Shapiro stated. Socialism would elim­i­nate the profit motive. This growth would occur as it serves the best interests of the society as a whole. Shapiro explains that in such a society everyone will have all that he needs, and all goods will be in such abun­dance as to satisfy the need. He states that in this structure, society would yield a super-democracy among all the nations of the world, and the nation-state would dis­appear; war would then be abolished.

He went on to say that a change to socialism is possible. “Change is in the air,” Shapiro said with reference to the dissent about Vietnam and the current problem of automation. Also, such a change is likely to suc­ceed here because we are already an industrial country and have a large GNP.

Rheumatism party

Finally, Shapiro discussed the structure of the Socialist Party. There is room in the party for many political options. The Y Spectrum series will present 10 programs during sec­ond semester on various ide­ologies in America today. Registered students receive free tickets for the Hill by attending the programs and doing minimal outline work. The next talk will be next Wednesday at 11 a.m. when Nathaniel Branden will dis­cuss “Objectivism.”

Caltech waits for Godot

Beckman Auditorium will be playing host to Waiting for Godot, a two act tragedy by Samuel Beckett, on Saturday. Godot is a play that has caused 13 years of discussion and controversy as to what it means, if it means anything at all.

Press, tv coverage

Dumb Lucky loads blind pinies in Samuel Beckett’s “Waiting for Godot.”

...
### Folklore of Throop gargoyles

**by Middletitch**

When you go up campus, do you notice the gargoyles on the high foint only to see a huge mound of uninteresting dirt? Many students try to find a closer look at the Calder Arch's gargoyles by looking down to Throop. These detailed sculptures are the results of the labors of two artists who spent one and a half years working back to their unveiling on February 5, 1910.

There were difficulties came out of the ferment of the hirings of architectural firms. Hunt and Klemmer, Greene who were associated with the builder, William C. Crevery, had designed the magnificent mansions which are now part of the Caltech as the Henry E. Huntington Memorial Library and Art Museum.

**Smith explains reasons for new options**

"We expected about six students to return to the next year," said Dr. Hallet D. Smith, chairman of the Division of Humanities and Social Sciences, in an address to the Caltech Service Club Tuesday evening entitled: "The Humanities Option at Caltech. "We got nine," he added, which was a 25 percent increase in the past year's statistics. The main reason was the thinking behind the facts, that the people paid to know the facts, are able to communicate with both the humanities, indicating unlimited possibilities.

Besides, graduate schools nowadays are looking for an escape from the steady stream on the railroads during the day and night, to a meager flow on foot during the night.

**Letter**

**Vietnam criticism rebutted**

Mr. Farber stated in his letter public that he was surprised that it is estimated that 70 to 90 percent of the Vietnamese population is opposed to our actions. I would like to say if these figures are from our own High Command in Saigon or the National Liberation Front. He stated that our bombing has been ineffective and has actually caused our population to desert to the Communist forces. Since the start of the bombing there have been greater numbers of defectors, especially in South Vietnam and these people tell of the destruction caused by the United States.

In North Vietnam it has slowed the transport of material from a steady stream on the railroads during the day and night, to a meager flow on foot during the night.

**Precedent Jefferson**

He stated that the war in Vietnam is unconstitutional, is that we have the right to declare war belongs to the President. He stated that since the start of the bombing the right to declare war belongs to the President. The Constitution states that this power is the President.

**Vietnam was the reason for last year's action, Smith's main reason was the thinking behind the facts.**

Mr. Farber's points:

- What powers it sees fit. We want to take its job more seriously.
- Since the bombing has been ineffective it is needed, it becomes necessary for ASCIT to propose that a new section of the by-laws be included. We therefore urge the Ex-Comm to include the IHC in its proposed changes to the by-laws, and we urge the student body to support the measure with its votes.

**Bob Berry**

Norton Greenfeld, Tim Hendrickson

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California Tech, Thursday, January 20, 1966

California Tech, published weekly during the school year by the Associated Students of the California Institute of Technology, Incorporated.

Editors-in-Chief

Bob Berry, Norton Greenfeld, Tim Hendrickson

Library and Art Museum.

Gentle Joy

The three arches above Throop's doors are divided into two spandrels, each of which there is a man figure. The figure on the left spandrel of the far left arch is Faun, signifying nature. Turn by triling on the pomegranate, the personification of the goddess of love and fire.

Dr. David Jordan, then preggoed-fooled of the Junior University, said, "He stands for the unspoiled and unchanging realm of the homely man, the world which forms the background for all man's achievements."

The next spandrel in the left side of the central arch reveals a man figure, off with his friend's dead body, so the vaults can't clean the scene. He seems to be gazing at, used energy of the universe. The figure next right stands allegorically for science, which is needed to make energy purposeful, and standing instantly at the symbol over the center of the arch.

**Ratsman**

The first figure in the right arch is winged, not unlike rat's tail, the象征 of the unlimited flight of the imagination. This rat's tail is bound table. The "Law," and may very well be the image of skateboarder on Newton in his years.

Further inspection reveals decorations on the plasters between the arches, which include a sunflower (relating to nature), a terminal bust of Minerva, protector of the Arts; likewise a bust of Newton's husband; and on the far right the emblem of the law. Hanhant the sunflower is the symbol of life, which along with the other decorations which exist is a "line of good, and Eternity (Dr. Zorba's Man and Woman unfortunately aren't in this line). Everyone believes that had beget the arts, the sunflower is a novel idea, good also beget. The line and the Eternity represented to the little girl, and then to a seven year old whom the girl making the film said the girl is looking for the fight poverty and disease, which Red Bird feels, comes over him also.

If you are tired of the crap that Hollywood turns out and are looking for an escape from the vast wasteland of the silver screen, Red Beard is the movie you're looking for.

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by Hank Rollin

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Martian probes explained

by Moe

"The failures can't last forever," noted Dr. Bruce Murray, associate professor of planetary science, Monday in 153 Arts. "The Soviet Union, in terms of total effort, launch capability, and future prospects," is abroad in the exploration of Mars. A distinguished audience attended has been made available, improvi- three years--large enough for a

Unmentionable geology

could strictly be applied to

towards the

tateurish approach would be

None of Murray's remarks

The first point developed was

by Meo

that."

A variety of products (over

"Yeah, yeah. Things like that."

Only about one quarter of G.E.

"Right. Things like the world's

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The application of AYN RAND's philosophy of

PSYCHOLOGY

To the readers and admirers of "The Fountainhead" and "Atlas Shrugged"
Fencers lose their inner fighter

Interhouse football outcome almost certain

With the Interhouse football season about two-thirds finished, the cntectores of the Scholastic Games were convincingly miniced. Page, having won its first four contests by lop-sided scores, has just about clinched the title. Fleming and Raddock will go in second and third, with the other four Houses far behind.

Page over Blacker

Page walked over Blacker, and Ricketts edged Dabney. Blacker was just no match for Ricketts, who scored first, getting a 130 lead. Dabney closed the gap to 13-12, but was unable to come up with the conventional. The teams then exchanged touchdowns, and Blacker was able to run out the time to win 19-18. Quarterback Phil Brown was outstanding in his second string appearance, his long passes proving the difference. John Eyler of Dabney was also outstanding, spreading out his passing well, and taking his team to its second straight victory.

Raddock defeated Harslem

Highly-touted Ruddock was defeated after a razzle-dazzle plays kept Ruddock going, and lost 26-0. much pressure Blacker could not hard Flem rush, especially that Harslem beat the defense almost of center Randy Harslem's no defense. Fleming flattens Blacker alone in the endzone to catch the completely fooled, so he was all passing well, spreading out his passing. John Eyler of Dabney was also back Richard Russell and long unable to come up with the con-'

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Friday evening, the Caltech football team played its last game of the season, hosting San Francisco Valley State College in Scott Brown gym. It was a single-waupon match including only a few tickets sold out for each college. Caltech succumbed to the more experienced team by the score of ten wins to six. Dan Maginn, the number one running back for Caltech, posted a three win, one loss record. Two more wins were contributed by Greg Kourilsky.

For the first time in history, Caltech fielded a team in that far more all-sport, rugby, seeking experience, the team arranged a friendly game with one of the players in the Southern California Rugby Football Union tournament, which was held at the Caltech High School Saturday. The game was played with a field team by the Australian Navy.

Our team, now to the game, made several mistakes during the game and gave the Australians many scoring chances. But sheer determination pushed the opposition back within inches of the goal line many times. The Navy team scored first on a tough deobt that was bided away by Dick Leppe intercepted and run in from 10 yards out. This touchdown was the second of the game and its three points. Minutes later the Angles secured an almost identical play for to score once again. Dick Mortell ran off some good yardage with time running out, John Galvin booted a "field goal" from 35 yards away and wide angle to stop the up the tie.

Tie 6-6 is a very good showing for the inexperienced Caltech team. The Australians were able to keep the game tight, to their advantage, and to win with a little momentum in building for the future. The team still needs play, but that is' coming this rugged and Interesting game. I congratulate Mike O'Sullivan in 07 Thomas.

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Interhouse football ( Continued from page 4)
Blackbeats Dabney

The other game of the evening, which attracted little attention, put Blackbeats against Dabney. Oywie's running and passing quickly put Blackbeats ahead 13-0, and it looked as if the game would be a daughter. But in the second half, Dabney came back, mainly on passes to Dennis While, to pull within a point at 13-12. Blackbeats came through with a TD late in the contest to put the game on ice.

Page beats Lloyd

Tuesday found two top teams facing two bottom teams, and the results were disastrous. Page beat Lloyd 38-7 in Page's fourth consecutive rout. Brown had a poor day, and the second string played a large part of the game, yet the team was still much too strong for the Roan­ ine. The defense sparkled, inter­ cepting four passes. Dan Ham­ morns picked off two and ran both of them in for touchdowns. That just about decided the con­ test, but meanwhile Brown, through only completing seven passes, threw for four scores. Lloyd had one bright point: their double pass set up a touchdown which was scored by Marshall.

Could you noodle out solutions like these...right after graduation?

(Then see our man on campus. He's got a career for you.)

Joe Lacey

B.S. in Electrical Engineering,
Brigham.

First assignment: Find the best possible way to replace isolated mountain-top repeater stations in case they were damaged. Solution: Joe produced a design for an 18-foot truck trailer microwave repeater unit. One that could be moved quickly to even the most rugged location. Good idea! We ordered 22 of the trailers built at a cost of about $2 million.

Don Turley

B.S. in Physics-Electronics,
San Diego State.

First assignment: Analyze the effect of atmospheric conditions on microwave transmission in the Imperial Valley. Dan also had to design microwave radio relay routes, take field explorations, make transmission measurements, and analyze the appropriateness of the selected sites. Result? Don's study will influence the design and construction of future micro­ wave systems all over the country.

Howard Herbert

B.A. in Business Ad­ ministration, University of Redlands.

First assignment: Develop a procedure for non-microscope training and super­ vision of all records and reports in the Rural Anti Traffic District. Job well done? We made Howard coordinator for all fac­ ility arrangements involving moves and arrangements in that office.

Iver Trebon

B.A. in Liberal Arts, San Fernando Valley State College.

First assignment: Study and analyze the district's aides and collection methods and develop a program for improvement. The outcome: We liked Iver's ideas so well that we put him in charge of an exchange where he successfully carried out his own recommendations.

Page Five
The Division of the Humanities and Social Sciences became the official title of the Division of Humanities on January 10 when Caltech's Board of Trustees approved the name change voted by the faculty at their December 6 meeting.

The division, which is offering undergraduate degrees this year for the first time in the Institute's 55-year history, proposed the new name in order to describe more accurately the fields it covers.

Expanding social sciences

According to Dr. Lee A. DuBridge, "This change reflects the fact that for several years Caltech has been expanding its teaching and research in the social sciences and intends to proceed even further in this direction. The reason is that scientists and engineers are increasingly involved in problems of society—in such problems as those of defense, over-population, and air pollution. It behooves them to learn more about the people and institutions upon which their work has so great an impact."

However, DuBridge stressed that Caltech has no intention of diminishing its emphases on science and engineering.

Under the new plan eleven students are working to earn the first Caltech humanities degrees—in English, two in history, and seven in economics.

The first meeting of the class of incredible Pearly Checkler, lecturer in Hand-waving, Fields, and Hair-pulling 2b, was enhanced this past week by the appearance of two who in normal life are residents of one of the Houses. The dynamic duo, mild mannered Kuhl, Kermit, and not-so-mild-mannered Sawwalt, members of Plumbing house, attended class as usual that morning. Checkler, sensing nothing (as usual), launched into a description of Snow Field.

... in his belly.

Then, without a shred of warning, the illumination was extinguished, and the sign of the bat appeared on the center blackboard. Quickly the lights were turned on, and up leapt Kermit, who, upon shouting ``Come on Robin'' to the waiting Sawwalt, edged at high speed to the batmobile. Poor Pearly so shaken was he by this turn of events, that the remainder of his twice-weekly force caused the great God of Science, Richard P. Brownlow, to shake his head, groan, curse, nap for a while, and finally, before the interminable hour was complete, to leave the Hall of Science in disgust. To the unfortunate

Smith explains (Continued from page 2)

of nine students. He pointed out that, in a survey taken two years ago, it was found that the students taking more than 25 percent of their credits in the humanities, were in general in the upper academic half of the class. The judgment of their professors and dean is that these students, presumably the most likely to be attracted to a humanities option, were leaders in student affairs.

Of course the Division of the Humanities and Social Sciences is continuously developing its programs, and the staff has been slightly enlarged to accommodate a wider variety of courses. The choice of requirements for humanities majors has not yet so conditioned the choice of requirements for humanities majors has not yet so conditioned the choice of requirements for humanities majors has not yet so conditioned the choice of requirements for humanities majors has not yet so conditioned the choice of requirements for humanities majors has not yet...