President Du Bridge Tells of Caltech History and Idea

Two Here Win Guggenheims

Religious Topic Of Y Lecture

Two Caltech professors have been awarded Guggenheim fellowships to work on research projects in their fields. They are Dr. Leon T. Silver, associate professor of geology, and Dr. Theodore Y. Wu, professor of applied mechanics.

Two Caltech students, chosen from 387 applicants for having demonstrated high capacity for research or outstanding creative ability in the fine arts, were awarded Guggenheim fellowships. The two students are Robert E. Cameron, a senior in physics and art, and Linda R. S. Ong, a junior in mathematics.

Religious Title of Y Lecture

In Ethical Culture it is not what you believe that counts, but what you do on account of what you believe." The values you promote are to be measured by your experience. The society takes no position on what you believe, but it will not permit non-serious or destructive behavior. A religion consists of three elements: belief, action, and devotion. In this sense "Ethical Culture" means that there is a belief in the brotherhood of man, and devotion and respect for the community and the individual.

The society stands somewhat in the middle between the Jews and the Unitarians. The similarity between the groups is marked in the way they approach the idea of a dogmatic position. The society is not likely to change its ideas very much, and such a change would be hostile to new ideas.

Leftist Speaks Here Tonight

Mr. Steve Murdock, left-wing journalist and political analyst, who was a member of the board of the Council on Foreign Relations, is speaking here tonight in the Chandler Dining Hall.

Humanism Y Lecture Presents the Cousins

This Sunday evening, April 18th, 7:30 in Beckman Auditorium, the Caltech YMCA Film Series presented "The Cousins." This film, one of the recent (1959) productions of the French director Claude Chabrol, will be the highlight of this year's film series.

The major characters in "The Cousins" are two law students, cousins, who are as different as two peas in a pod. The first is a lawyer; the second is a student. He is a writer for the "Monde" and identifies himself with the "left." The other cousin is a budding journalist, not too bright. He spends his time doing nothing but "having a good time." He is a member of the "right." The difference between the two is a difference of belief, action, and devotion.

The film raises the question of what is the purpose of life. If you want to have "a good time" and you are a left-winger, are you a good left-winger? If you are a right-winger, are you a good right-winger? The film raises the question of what is the purpose of life. A left-winger, if he wants to have "a good time," must be doing the right thing. The same goes for a right-winger. The film raises the question of what is the purpose of life. A left-winger, if he wants to have "a good time," must be doing the right thing.

What is the purpose of life? Is the purpose of life to "have a good time?" The purpose of life is to do what you believe is right. The purpose of life is to do what you believe is right. The purpose of life is to do what you believe is right.

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PE Revisited

When the new PE program was discussed and decided last year, the general consensus of opinion was that there existed a desperate need for a change of systems. After a trial of two terms, the people concerned have recognized the changes as bringing about a marked improvement. In an evaluation of this program, the California Tech has some comments and suggestions.

To begin with points we like, the idea of only two years of PE and a two-day-per-week requirement coupled with an adequate instructional program is good. By the time a man has reached the age of nineteen or twenty, the decision of how much athletic activity he should participate in ought to be his own. The advantage of having PE in college at all is to satisfy those who enjoy athletics and the give the rest an opportunity to try out a few sports in hopes they will find one they will enjoy. Two hours per week is much easier to fit into a crowded schedule than three hours of inactivity. PE is worth more than hours of playing volleyball in the smog.

The grave forebodings heard last year that Interhouse and intercollegiate sports would suffer because juniors and seniors would not come out without required PE has been completely unfounded.

However, complaints have been lodged about the PE system. The major criticism heard from the sophomores is that they have to give up a significant amount of free time each week. Some persons complain that they have just gotten to enjoy an activity and are getting some good out of it when they must go on to some other sport which they do not like. To specify, why should a person who has discovered the joy and the enjoyment tennis brings be forced to take weightlifting or badminton, which he neither enjoys nor benefits from? Some of these complaints are probably true for freshmen who are rushing through six activities per year. The Tech believes that a choice of activities should be offered with the possibility for an individual to skip some sport, for instance, for gymnastics, for which he is not physically or psychologically suited.

The Tech would like to see the possibility for sophomores of choosing activities. This could be arranged so the coach of a sport would approve the repeating of that activity by a person. This approval would be based on the coach's opinion as to the benefit of the specific person of continuing the activity.

The Tech believes that the PE program should be designed for the enjoyment and benefit of the students, and not what the PE department thinks we need to exercise our frail unexercised bodies. An hour of PE should be a time of fun and relaxation, not competition. For example, there is no reason why students should have to take weightlifting or badminton, which he neither enjoys nor benefits from. It is debatable if movies are a valuable form of instruction. The only thing we recommend it for is entertainment, but not for competition.

To summarize and conclude, the Tech believes that a choice of activities should be offered with the possibility for an individual to skip some sport, for instance, gymnastics, for which he is not physically or psychologically suited.

By Steve Schwarz

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Alaskan Jolt Rings Earth Like Bell

The recent Alaskan earthquake set the earth ticking like a bell, according to Dr. Frank Press, director of Caltech's seismology department. "10% of magnitudes 8.2 or more, acted as a giant hammer, striking the earth and causing it ringing at its own natural frequencies. Due to its recent origin, the earth has two fundamental periods. Their periods are 6.5 and 6.7 minutes, or in lengthening terms they are about 8000 miles, occurring 5 times a day."

Last week Caltech flew two portable seismological stations to Alaska to record aftershocks. Dr. Press commented, "After shock activity will continue for months or even years. These stations will provide us with a database on the Earth and the amount of strain released. The equipment will include a strong motion seismograph to provide information on ground accelerations that will be useful in designing new buildings for the areas."

Ring Effect Discarded

For more than 80 years theoreticians have discussed the possibility of such oscillations being touched off in the earth. This would mean that the earth, when it has been acting up, is able to change certain of its physical characteristics on a large scale."

Describing this motion further, Dr. Press said, "In the fundamental changes would take place, it is possible that the earth's ring effect would be a temporary phenomenon, lasting for only a few minutes to a few hours. It is also possible that the earth's ring effect would be a permanent phenomenon, lasting for many years to the"
**SUMMER JOBS**

The Caltech varsity nine opened its league season Saturday by dropping a pair to Whittier, 7-4 and 5-4. The Joneses, while missing their perfect game last week in the pricing aisle Whittier is the hands-down favorite to win the league opposing this year.

The story of both games lay in the Whittier pitching. In the first game a southpaw by the name of Jones threw a three-hit game without giving a try. This was the first time the varsity has ever seen Jones, but the sophomores had seen him before as fresh and had warned the rest of the team what to expect.

When Jones retired the first man without throwing anything that our own chuckers couldn't match, the naps took a little gas. Weber stepped up to the plate with a confident smile on his face, and Jones was notably fast. The football ball when he heard it land in the catcher's glove. Much shaken, still fanned, setting the standard for the day.

**Lane Score**

Tech's lane scoring effort came in the fourth inning when with one out, Weber walked, ruining Jones' perfect game. Tom Bonney then singled to move Weber along to second base. Jones then made the mistake of feeding Dahlman one of his fast ones. Gary promptly drove it into the right field, but, then, neither did the Whittier catcher. The ball sailed by, or perhaps through, his mitt, to the catcher's glove. Much shaken, still fanned, setting the standard for the day.

**The second game was too sad to write about. A right-hander**

**JOBS ABROAD**

In the other game played Monday, Ruddick beat Page in a close one, 38-33. Lloyd was extremely cold at the start and fell to an 11-4 deficit despite the cold shooting of Ruddock. The game Lloydsmen stayed in the contest till the 11th, but they couldn't beat the Ruddock lead. Both Ruddock and Angel of Lloyd were the high scorers with 12 points.

**SUMMER JOBS**

for STUDENTS

NEW 5’64 directory lists 20,000 summer job openings in 50 states. MALE or FEMALE. Unprecedented research for students includes exact pay rates and job details. Names employers and their addresses for hiring in industry, summer camps, national parks, resorts, etc., etc., etc. Hurry! Jobs filled early. Send two dollars. Satisfaction guaranteed. Send to: Summer Jobs Directory—P. O. Box 13593—Phoenix, Arizona.

**TELEPHONE MAN-OF-THE-MONTH**

**THE BELL TELEPHONE COMPANIES**

**SALUTE: HERB SUTTON, JR.**

Herb Sutton (B.S.E.E. 1961) got a good basic foundation in telephone communications. Outside plant work involving engineering and actual physical construction validates Herb's claim of starting from the ground up. But up he came, and fast! Herb advanced from an assistant engineer in construction work to Chief Line Assigner where he is responsible for the maintenance and service of all outside telephone equipment in the San Bruno area of Pacific Telephone.

His present assignment puts him at the hub of telephone operations, a pressure job that demands the very most of his telephone knowledge and his supervisory abilities. Herb Sutton, like many young engineers, is impatient to make things happen for his company and himself. There are few places where such restlessnes is more welcomed or rewarded than in the fast-growing telephone business.

**JOBS ABROAD**

Largest NEW directory. Lists hundreds of permanent career opportunities in Europe, South America, Africa and the Pacific, for MALE or FEMALE. Totals 50 countries. Gives specific addresses and names prospective U.S. employers with foreign subsidiaries. Exceptionally high pay, free travel, etc. In addition, enclosed vital guide and procedures necessary to foreign employment. Satisfaction guaranteed. Send two dollars to Jobs Abroad Directory—P. O. Box 13593—Phoenix, Arizona.

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Spikers Beaten; Freshmen Sparkle

The Caltech trackmen traveled to Pomona last weekend and came out on the losing end of the score. The individual performances hoped for didn’t materialize, the long holdover seemed to have affected the indivduals.

The fresh spikers lost their second dual meet of the season on Friday to Pomona 83-64. The fresh showed power in the field events but failed to win a race. In an amazing performance, Wall Innes took first and second three seconds after spending the morning in the Health Center. Gary Has took first in the intermediate hurdles and a second in the highs. Peter Crow threw the javelin 140 feet, an improvement of 23 feet over his previous record, and good enough for a first. He also captured a second in the two-mile run.

The big star of the meet was Pomona’s Don Hoyt. He needed to a school freshman two-mile record after victories in the half-mile and mile.

Scott Leads Darbs To Ski Victory

Spearheaded by Bob Scott and Richard Touton, Caltech swept to a victory in the 1964 Interhouse ski meet. Scott, winner of both the slalom and the giant slalom, raced down the slalom slopes twice in an accumulated time of 40.7 seconds to beat out secondplace Tooton by almost four seconds. Tooton had trouble with spills on the giant slalom course and as a result, Dave Goodmanson of Pomona, scored 91.0 seconds, behind Scott, who made it through the course in 88.6 seconds. Pete Crow of Ricketts took third place in both events.

Previous record, and good enough for a first. He also captured a second in the two-mile run.

Sir Robert Chiltern: You think science cannot grapple with the problem of women?

Mrs. Chevalie: Science can never grapple with the irrational. That is why it has no future before it, in this world.

—Kathleen "Manfred"

Something there is that doesn’t love a Tekman. Ah, the gory, sorry lot that befalls us when we fall under the escapist influence of Destiny. The case in point moves Baek to humanitarian sympathy for its victim.

Hornswoogler, denizen of But- nck House and well-known spig- gler star, known more familiarly now as the Fallen Innocent, began his saga near last mid- term, when he met a comely fresh from FPC at a dinner exchange. While eating it with the wild and woolly one, Hornswoogler made love (the very first one in his blue-eyed life) for Big Fat Party; then early next week he was called and invited to her new pad, for a "tea." The seducing started. Leaving at mid- night, he can hardly be blamed for keeping her warm until seven before the meridian, and who knows what they discovered together for eight weeks thereafter.

A sad tale? Yes, dear friend, for then did the bills end, as she, taking a leap like the year, proposed to him her alternative, at which he could but be dismayed. Well, kissing off the first, Hornswoogler now consults DSC Stock to find a second one, just as woolly but not quite as anxious for domesticity to match forward plasticity.

Can you avoid living in "Jamsville"?

It won’t be easy. By 1989 most Americans will live in 40 large metropolitan areas—each with more than a million population. To keep your community from becoming a "Jamsville" will take people with ideas—ideas that can help cities move more traffic swiftly, safely and economically.

Some of the ideas come from the men and women of General Electric who, in effect, form a "Progress Corps." In major cities, they’re helping to develop balanced transportation systems . . . and they’re providing advanced equipment to power and control the trains. They’re also developing a TV monitoring system that enables a single engineer to control miles of auto traffic . . . a jet engine that speeds commuters in a hydrofoil ship over the waves . . . and another jet engine to lift travelers over traffic via helicopter at 150 mph.

Traffic is only one of many problems General Electric people are working on. Their numerous projects, in this country and around the world, demand a variety of talents: engineering, finance, marketing, law, physics and many others.

If you’d like to join the "Progress Corps" after graduation, talk to your placement director. He can help qualified young people begin their careers at General Electric.