Richard Turco Speaks On Nuclear Winter

By Hossein Mohammad

Richard Turco, the noted Atmospheric Researcher, who last year along with Carl Sagan and several other researchers, TTAPS study on the effects of a nuclear war, will come to Tech next Wednesday, April 11, to speak on the Nuclear Winter Phenomenon.

The TTAPS study, which takes its name from co-authors R.P. Turco, O.B.Toom, T.P. Ackerman, J.B. Pollack, and C. Sagan, used numerous scientific models to study the atmospheric consequences of a nuclear exchange. The term Nuclear Winter was then coined to describe the climatic and biological results of such an exchange.

In his recent publication in Science magazine in December, the TTAPS report has become one of the most thoroughly analyzed and debated papers in years.

Turco is to speak at 7:30 p.m., next Wednesday, April 11, in Baxter Lecture Hall. The scientist's visit has been arranged by the Caltech World Affairs Forum and is co-sponsored by the Caltech Y.

Earlier in the day, next Wednesday, Turco will give a technical seminar on the Nuclear Winter Phenomenon. The seminar will be held at 4:30 p.m. in room 142, Keck. His evening talk in Baxter will feature a video on the subject by Carl Sagan. Following the presentation, Turco will take part in an informal reception in the Winnett Student Center. Admission to both the talk and reception will be free.

By examining numerous models, scenarios, and simulations of nuclear exchanges, and drawing on previous work on the atmospheric and climactic effects of volcanic eruptions, the TTAPS team drew some new conclusions about the aftermath of a nuclear war. Two particular factors taken into consideration by the team are the dust and the smoke injected into the atmosphere by nuclear explosions and the ensuing city and forest fires.

The TTAPS research concludes that, depending on the size of the nuclear exchange, such smoke and dust could drastically reduce light levels on the planet; and lower land temperatures for weeks or months. This effect, referred to as the Nuclear Winter, could lead to such disruptions in the atmosphere as to put both its recovery and long-term human survival in serious question.

However, the most disturbing feature of the study is that the threshold for the magnitude of the nuclear war necessary to trigger a Nuclear Winter is lower than anything previously expected.

According to the report, a 100 megaton nuclear exchange spread over 1000 megatons not only forms a small fraction of the U.S. or Soviet nuclear arsenals, but also well within the range of the capabilities of indigenous French, Polish, French, or Chinese inventories.

According to Benjamins Frisch, an organizer of the World Affairs Forum, the informal reception following the talk should give the students a chance to discuss both the scientific and socio/political aspects of the subject with Mr. Turco. The WAF is asking all interested groups to participate in the reception by setting up tables for discussion and distribution of literature.

Nuclear is the second major speaker to be brought to Tech by the Caltech World Affairs Forum. The WAF was formed this year with the aim to sponsor lectures and discussion on issues of national and international importance. Primarily an undergraduate/graduate student group, the Forum now boasts a membership of some 100 people, including some Pasadena residents, Caltech faculty members, and students in the Institute of Teaching.

Among its many events, the group holds regular bi-weekly discussion sessions on diverse topics. Last month, the group brought internationally known American journalist Robert Sheaffer to campus for a speech that attracted an audience of 300 people.

Richard Turco's April 11th talk will be entitled The Nuclear Winter Phenomenon: New Pathways to Extinction?

Board Elects New Trustee

Caltech news bureau

Donald L. Bren, chairman of the board of directors of the Irvine Company, and a major developer of California real estate for the past 25 years, has joined the Board of Trustees of the California Institute of Technology.

Mr. Bren is known as a leader and innovator within the development industry, and has achieved a reputation as a national expert in the fields of planning, design, construction, marketing, and finance.

He began his business career as a builder and community developer in 1956, when he formed the Bren Company in Newport Beach, and presided over its evolution into one of California's primary developers of planned, quality residential communities. In 1963, as founder and president of Mission Viejo Company, he established the community of Mission Viejo in Orange County, which has since become a national model for residential areas.

In 1967, he founded Bren Investment Properties, which designs and builds for ownership quality community office buildings and industrial parks.

In 1977, Mr. Bren joined a group of investors who purchased the Irvine Company. In April 1983, he purchased sufficient outstanding shares to give him majority ownership of the company. He has served as a member of the company's executive committee since 1977, became co-chairman of the board in September 1982, and chairman in April 1983.

Caltech's new trustee was born in Los Angeles, and raised in Los Angeles and Newport Beach. He earned a degree in business administration and economics from the University of Washington. He currently makes his home in Los Angeles.

ASCIT Notes

Social Events

Yes! It's time to announce the first two campus-wide social events this term.

First up, on Saturday, April 18, the Caltech campus will be truly converted into the party mecca we've all been waiting for. In the afternoon, there will be a intercampus barbeque/social for freshman on the Olive Walk. This party-gathering is being organized by Paul Brin Ream (read his announcement today). In the evening, we'll be joined by the upperclassmen of Scripps, Oxy, Pomona, and Pitzer College for an outrageous dance-party blowout featuring the well-known LA bands The Untouchables and The Question. The party will be open to all ASCIT members.

The ASCIT Formal at the Athenaeum, Caltech's token annual gala event, will take place on Friday, May 11. Sign-ups will appear in the houses next week. If you want a vegetarian meal, please send a note to me at 1-53 TODAY. It seems likely this year that more Tuchers will want to go to the Formal than can be accommodated, so we'll go on a first signed-up basis. If you've got ideas for menus, music, or mood, ring me (Dan Schwartz) up; meanwhile, the Tech future staff is at it, looking for details, entertainment, wine selection, and table reservations. The Formal is exclusively for ASCIT members and their guests.

If your house, or group of your friends would like to operate the bar at the 7-house party in April, please send me a signed-up and approved plan for operating it. Any profit or salary required and drinks to be offered, by next Saturday, April 14. The ESC will decide on a bar based on personnel availability and money.

Questions or comments? Call me at X6274.

Elections

There will be an election this Monday (i.e., April 9) on the proposed change in the ASCIT By-laws to increase ASCIT dues from $15 to $20 per year. Article XIII Section 1 would be amended to read:

DUES: The corporation dues shall be payable on registration day of each term at the rate given in the schedule below: Fall - $20.00; Winter - $20.00; Spring - $10.00; Total - $60.00.

The Board of Directors has not increased the dues in more than 5 years, and consequently ASCIT's ability to support many clubs and social activities has been seriously curtailed by inflation. It takes a lot more money to hire a decent band than to get significant support to clubs. Along with the dues increases were argued. You might ask why the dues weren't raised earlier . . . the present BOD doesn't know.

Interest and appointment will be made for ASCIT appointed offices by Tuesday, April 11. Appointment forms for appointed offices will be available at the ASCIT appointed offices open Monday, April 9.
The Body Shop
Carbohydrates Can Be Health

by Jane Ramaker
Health Center Staff

Many of us shy away from carbohydrates. We are con-

scious of what we eat and what we are eating. Ounce for ounce, fats have twice the calories of carbohydrates. We have been con-

fused and misled for years that carbohydrates are long a calories and short on nutrition. By avoiding carbohydrates, our diet can be more diverse and we can

avoid many health problems.

A greater emphasis on the intake of complex carbohydrates (beans, peas, nuts, seeds, vegetables, fruits, whole grain breads, cereals and grain products) would produce a healthier America. Complex carbohydrates provide us with valuable nutrients, protein, B-vitamin, trace minerals and fiber. In increasing our con-

sumption of complex carbohydrates our intake of dietary fiber would also be increased, reducing the symptoms of chronic constipation, diverticulitis and decreasing chances of cancer of the colon and rec-

tum.

A final benefit of complex carbohydrates involves weight
control. Carbohydrates can help cut back calorie-dense fats and sweets. Complex carbo-

hydrates fulfill both our physical need and our psychological need for food. Eating more carbohydrates and less fat-ridden animal pro-

tein can mean a substantial savings, both health-wise and in the pocketbook. It costs us 2 to 6 times more to get ½ of our daily requirement of pro-

tein (20 grams) from animal protein than vegetable protein. Plus, vegetable protein can be more versatile when planning meals—vegetable protein goes further.

There are some helpful hints to increase carbohydrates in your diet:

Breads

You get the most nutrients for your money if you buy whole grain bread made from stone ground flour. Second best is 100% whole wheat or whole grain.

Cereals

Your best bran cereals are shredded wheat and Cheerios. Hot oatmeal (not instant) leads the pack in fiber value of all cereals. To increase nutrient

value with hot cereals, use skim milk in all or part of the li-

quid. Puffed cereals give you more air than nutrients, but are high in protein and complex carbohydrates. Try granolas, which are high in sugars and fats.

Vegetables

Potatoes are relatively low in calories when baked or boil-

ed. The complex carbohydrates are fat. Soybeans, kidney, pin-

to and navy beans, lentils and blackeyed peas contain lots of high quality protein. Frozen vegetables are almost as nourishing as fresh. All vegetables are a good source of fiber and pectin, which helps to lower the levels of cholesterol.

Fruits

Good source of fiber and pectin. Can satisfy a sweet craving.

Peanuts, nuts and seeds are also good sources of protein, but these foods contain considerable amounts of fats and are high in calories.

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Beckman Hosts John Houseman

Office of Public Events

John Houseman relates in-

cidents from his career in film in a presentation entitled John Houseman's "World of Motion Pictures." Designed specifically for Caltech, this lecture will be held Saturday, April 7 at 8 p.m. in Beckman Auditorium.

Possibly best known to au-

dience for his role as Melville Parnell in "Lust for Life," and "Gideon's Trumpet," Houseman will give insights from his own career into the history of American motion pictures.

Among the films he will discuss are "Citizen Kane" (which he co-wrote), "The Blue Dahlia," "Julius Caesar," and "Lust for Life." He will also speak on some of his television endeavors such as "Darrow" and "Gideon's Trumpet."
Pranksters Tell It As It Is

To the Editors:

We submitted the following letter to the L.A. Times. Please print it in the Tech also.

Dear Editor(s of the L.A Times):

Throughout the last few months, we have been dismayed at the number of factual errors in newspaper stories related to this year's Rose Bowl stunt. Therefore, we, the Caltech students involved, would like to clear up some points which have been misrepresented.

We took control of the Rose Bowl scoreboard system before Christmas, without the knowledge of any Caltech staff or faculty. Our only modification to the equipment was a switch in the cable to the scoreboard, where we attached our device. During the game, we placed messages such as "Go Caltech!" on the scoreboard.

The frustrated stadium officials responded by turning off the power to the scoreboard before the game was over. There was no malfunction of either the stadium computer or our device.

Early in January, we contacted the Rose Bowl officials and offered to undo our installation and explain how we gained control. This offer was ignored. The officials involved went on to spend $1200 on shipping costs to check out their computer - which, as we would touch by our project. There was no damage and hence no repairs were necessary to either the computer or the scoreboard. The figure of $4000 printed earlier was an exaggerated estimate.

Later, against the recommendation of the Pasadena City Directors, the City Prosecutor charged us with four misdemeanors. When articles questioning the City's sense of humor appeared in local papers, he tried to defend his actions in a public letter.

In cooperation with the City, we agreed to share the amount needlessly spent by the Rose Bowl on their computer. This amount was not paid to the court, and was not a fine. The City dropped every charge except "loitering in a public place after midnight," to which we pleaded no contest.

We hope that with more serious matters, journalists will have a greater concern for accuracy and will avoid sensationalism.

Ted Williams
1-54 Caltech
Dan Kegel
1-66 Caltech

Once Again...  

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Washington rumor has it that Reagan has been dead for months and is actually a radio-controlled dummy. The FBI is desperately trying to prevent Caltech pranksters from taking over.

—Courtesy of West Side Story, student paper of West High School, Iowa.
**The Inside World**

Blacker: WANTED: An 8-6l. hairy red slinky hellish rancid slobering steaming lumpy deranged bloated little girl with a head shaped like an upside-down punch bowl, ears like giant bat ears, a tail like a weasel's, knuckles that drag a foot behind the hand, feet like scuba fins but wider and two inches thick, two elbows on each arm, no knees (but that doesn't matter since the hips are where the knees would be if there were any), two tentacles coming out of the stomach, and one huge eye that covers the entire face. Eats dogs.

Dabney: No entry.

Fleming: This past weekend, with efforts by the Dabney; no entry.

Goddard: No entry.

Hart: This weekend: Farrell's! Rocky Horror, and Disneyland.

Just before spring break, eight new members elected to the excomm. In addition to Gunning and Swanson, they are: Clay Bures, Kryl Anderson, Alaric Clinton, Matthias Blume, Warren Goda, and Adam Lemmer. Caltech community of students, faculty, and staff.

THE Caltech Y Elects New Officers

by Huston Horn

Leslie Lippard, coordinator of the Caltech Y's Friday Noon Concerts since last spring, was elected president of the Y on Monday by the student excomm.

She succeeds Kelley Scott who has led the excomm since the third term of 1983. At the same election, Kevin Gunning became vice-president, Melissa Farrell was secretary, and Kent Noble was publicity coordinator.

Just before spring break, eight new members elected to the excomm. In addition to Gunning and Swanson, they are: Clay Bures, Kryl Anderson, Alaric Clinton, Matthias Blume, Warren Goda, and Adam Lemmer. Caltech community of students, faculty, and staff.

**The Outside World**

A comprehensive ban on the "production, possession and use" of chemical weapons was proposed by the United States this Wednesday. The U.S. will submit its proposal to the United Nations Disarmament Committee in several weeks. The proposed ban would only be applicable to nerve gas, blister gas and the like, and would not cover germ and biological weapons. Germ and biological weapons are already forbidden. Recent reports of Soviet use of gas in Afghanistan and Iraqi use of nerve gas in its war against Iran have created concern here in the United States and in many countries throughout the world. Both the Soviet Union and the United States maintain stockpiles of chemical weapons.

President Reagan criticized the 1973 War Powers Resolution in a televised press conference, declaring that the resolution prohibits the president from sending troops into combat overseas for more than 90 days without Congressional approval, was contrary to the intentions of the U.S. Constitution and that foreign policy must be conducted by the president without such interference from the Congress. He also criticized the Congress for not approving the school prayer amendment.

Democratic Presidential Candidates Walter Mondale and Gary Hart will continue their fight for their party's nomination in next Tuesday's primary in Pennsylvania. Mondale was the clear victor in the New York primary earlier this week. Jackson also did very well, almost edging out Hart for second place by winning almost all of the large black vote. Although Hart's nationwide popularity continues, states such as New York and Pennsylvania are tailor-made for Mondale, with large groups of voters such as the old, the poor, union members, and ethnic minorities.

For more information contact the Caltech Development Center, 356-6163. Do not forget that the weekend discount packages, $27 per person, per day, available for guests staying from Thursday through Sunday, have our weekend discount packages.

**The Caltech Y Fly-by**

Friday . . . April 6

Pick up Disneyland and/or Pasadena Symphony tickets at the Y office before 4 p.m.

Monday . . . April 9

Sailing Saturday April 14—sign up in the Y office before Tuesday 5 p.m.

Tuesday . . . April 10

"Techers as Teachers"—Four Caltech graduates discuss their careers in teaching. Winnett Lounge, 7:30 p.m. Cosponsored by the Career Development Center.

Wednesday . . . April 11


Friday . . . April 13

Nuclear Free Pacific Movement—Gifford Johnson and Darlene Reju of the south Pacific present their views. Winnett Lounge, 2 p.m. Cosponsored by the World Affairs Forum.

For more information contact the Caltech Y office at 356-6163. Do not forget that the Y has used texts and paperbacks. Come on up and check us out. Just look for the green and white Y flag.

**The Men and Women of Fleming House proudly welcome their newest social member:**

**IBM**
Interhouse Basketball Next

by Ath Man at Large

What promises to be one of the hardest-fought Interhouse basketball seasons in years starts today. Four houses stand out as strong contenders for the championship, Blacker, Page, Ruddock, and Fleming. Backer sports a tall, experienced front line and one of the best guards from last season, Le Jung Shin. Page has an even bigger forward line, but they lack experience. Their guards, on the other hand, Bob Golden and Tom Heer, have a combined seven years of Interhouse basketball behind them.

Ruddock will start four members of this year's Caltech Varsity Team. The Rudds, and Tom Heer, have a combination of a bigger forward line, but they have consistency and no true star player to lead them. Fleming, which has lost four starters from last year, lacks depth and outside shooting. Ed Zanelli and Stewart Peebles will attempt to raise the Flames above these deficiencies.

Lloyd's performance will depend on the availability of Brett Bush, currently injured, and Ed Casey, who plays baseball. When all their starters are available, the Lloydlies could upset any of the big four. Dabney will be led by Jeff Lester and Scott Gordon, and they should be able to beat Ricketts, only three of whose players are known to this author.

No doubt about it — it should be fun, so come out and support your house.

Weekday Sports Calendar

- 7:00pm Women's Tennis
- 2:00pm Tennis
- 1:00pm Track
- 3:00pm Men's Tennis
- 3:00pm Women's Basketball
- 2:00pm Men's Tennis
- 12 noon Baseball
- All Day Track

Caltech Cricket Cremates Camarillo

by Brian Carr

Caltech celebrated their first win of the season against an impressive 58 run victory over Camarillo Cricket Club last Saturday. Pat in to bat on a green, uneven wicket, Caltech started slowly, but with few alarms. The opening bats were dismissed as they tried to increase their scoring rate, but the middle order of Rama (34), Rakesh (14), and Rick (9) played extremely well. Rama's four runs included four fours and a six, and showed the value of playing straight. Rakesh, this time with Rick, once again showed how to make a score by good running. A late collapse reduced the score to 64 for 5, but the final pair, Sanjay and Ram, hit 20 runs unbeaten in the last two overs, giving Caltech their first hundred.

Camarillo never looked like getting the runs. Wickets fell steadily to the bowling of Ram (4-18), Rama (3-4), and Nadeem (2-10), with an attacking field maintained throughout. Camarillo were dismissed for 46, the last man fittingly being Rakesh in the slips.

Beavers Set Record

Discobolus Standings

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Interhouse Standings

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<td>Dabney</td>
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ROMA GARDENS
10 PERCENT OFF
ON ALL FOOD & PIZZA
In or Out
FREE
Pitcher Beer or Coke
with any $10.00 purchase
1076 E. Colorado 449-1948
Corner of Wilson & Colorado
Show your Caltech I.D.
Canada's Bear of Beers is here!

Down from the North Woods of Canada comes Grizzly Beer. Not just another Canadian beer, but a rare breed of brew. An authentic Canadian lager—naturally aged, so it's remarkably smooth. With a flavor no other Canadian beer can stand up to. The bear of beers is here!
Intercampus Bus Connects Caltech, UCLA and USC

by Jean Anderson

Caltech’s library system is made up of its many different libraries and services. It also is part of a consortium of libraries: Caltech, UCLA and USC. Members of the consortium share resources and provide services to each other.

One result of that is the result of this cooperative agreement: the intercampus vehicle. Twice each day stops connect the three campuses. This provides not only faster inter-library loans, but also direct mail service and transportation among these campuses.

For direct mail service the envelope should be marked INTERCAMPUS VEHICLE and left with any of our campus libraries.

For transportation to UCLA or USC it is necessary to make a reservation prior to the time you expect to go, as space is limited. Reservations may be made by calling Rod Cooper or Pat Kelly on x6405 or at the reference desk on the second floor of Millikan, which is also the point of departure.

In the front of the Caltech phone directory is a brief schedule of departure times, and a more detailed schedule is available at the reference desk.

There is one schedule for Mon-Wed-Fri and another one for Tues-Thurs. The Mon-Wed-Fri schedule allows about five hours at UCLA taking a morning run over and the late afternoon run back. USC is less convenient for a roundtrip, as a great deal of time is spent enroute—fine for a sightseeing bus, but very aggravating if you want to get there.

A Generation Ago

By Jace

From the November 31, 1963 issue of the Tech.

In order to begin this week’s column by giving some much needed reassurance to the suffering freshmen, I should be noted that Caltech’s tuition isn’t quite so high anymore. It can be remembered, for example, that during the first years of the Eastern School, both the University of Chicago and Tufts University were raising their tuition to $1000 for the year. As for other companies, a recently published survey revealed that at least 50 major colleges and universities now charge $100 to $200, per year for tuition and at least half of these made it known that they intend to increase these costs substantially during the 1964-1965 school year. Breathe a sigh of relief, freshmen and seniors, Tech’s good old $1575 probably won’t take another $300 long until 65-66.

Pigskin Progress

Remaining in the reassurance and sympathy department, Tech can feel good despite our 2 game losing streak merely by looking at the school upon good old dependable Rensselaer which, true to form, has now stretched its streak to 7. Not so much can be said of our frosh team, however, as their preseasonal national ranking of 612, and Tech replace them in (56 at the half!) can hardly be considered a shock.

While we’re on the subject of football, we might as well mention the sad tale of his addiction in the fall of ’62, and Tech replace them in the heights of Tech’s preseasonal ranking of 612, and Tech replace them in the depths.

Machines Revolt

While we’re on the subject of football, we might as well bring in the topic of Science. It seems that a faculty computer program at MIT which was computing grade averages made a few errors recently, such as giving grade averages of 1.7 to students with honor standing and changing relating fraternity standings by as much as 12 places in the scholastic rankings.

The MIT Tech also starts off with an interesting query, “If you had a seven-and-one-half foot snake that you didn’t want, what would you do with it?” MIT thinks you should auction it off for charity — here they’d try to get him out for basketball.

Dear John...

Not wishing to change the theme of technical schools we switch back to happy-go-lucky RPI, where the Polytechnic just printed the winner of its “shot down” contest for homecoming invitations.

The winner is such a rare jewel that it’s printed below:

"An awful lot has happened around here since I last saw you: I wonder if you’re still the same... I suppose so. I can still remember all the fun we had together... It’s a little difficult to put this in writing; I thought you knew; apparently not. A few months ago I hoped to be a bore. At that time I felt I could go away with, even marry anyone just to get out of that rut, even a forest ranger... which is exactly what I did... I know it must be a shock... I’m sorry to tell you... Living here in virtual wilderness is much worse than living with a talk of that lucky girl taking my place while I’m sitting here in my "tree house.""

Scientific Sex

Now, heading South, we find that good old “Pigskin Progress” can do anything. Two EE’s at the University of Miami have devised a machine which can measure the kissing power of two people, giving its results by its extracurricular activities.

Now, using the machine in numerous experiments, an exact method of making a girl has been determined. As the Georgia Tech Technique reports, “When the time comes to demonstrate your masculinity you should not swoop down on your prey. Your must move slowly for the essence of enjoyment is in the anticipation.”

Precison Pays

“To have any scientific value at all a kiss must last one minute, four seconds, and should be repeated seven times in slow deliberate intervals, over a period of nineteen minutes and twenty eight seconds.”

But until the Miami Casanovas come up with a transistorized model, the Techman will just have to continue using his instinct to determine how his date will react to his electricachinery.

The Tulare University Hullabaloo reports that the vending machines, or "6 buttoned bandits" as the paper calls them, have provided a new game of making a campus.

One freshman described the sad tale of his addiction in a recent issue.

Walking into the vending machine room, "I had no idea of the time and after right before my eyes... My first hint that there was something out of ordinary was when I casually glanced over and noticed one fellow shoveling a handful of nickels into a brown paper bag. I was utterly amazerd, but the other upper perchlasserman merely remained at the machines they were playing and gazed coldly at the lucky patron.

After being caught by the bug, he "first played 25 times 'cream and double sugar', and although I managed to lose each time, I received a half cup of whipped chocolate. At the same time, he fired away with beans, 'fruit punch, winning a little on 'popsickle' and finally when I lost my last two "cigarettes,' I had to quit."

I imagine it’s only a matter of time before the bug hits Caltech and Techman will be spending long nights in a smoke-filled room gambling away their scholarships on coffee and donuts.
announcements

Eugenics Scholarship
The Charles M. Goethe Memorial Scholarship, administered by SACAT, grants scholarship monies to students who meet the following requirements: 1) enrollment at any accredited university or college; 2) majoring in any field related to Eugenics, i.e. Biology or Life Sciences; 3) membership or senior membership in the Order of DeMolay or being the son or daughter of a member of the Order.

Ebell Scholarships
The Ebell of Los Angeles Scholarships are for the Ebell community, male, female, or non-binary. They provide support for those interested in attending college or pursuing higher education. Applications are due by April 15th, and the deadline for receipt of applications is June 10th.

Radioactive Dreams?
A new science fiction movie has just gone into production, and you are the lucky little devil who may get to be an (unpaid) extra in it. Yes, Radioactive Dreams, the movie that the student must be a registered voter if eighteen years of age or older, Minimum CPA or 3.25 as a single status is required (those marrying after obtaining a scholarship must also forfeit the scholarship). Moral character, scholarship, financial need, and interest in radioactive dreams are all carefully weighed in considering these scholarships, so shape up now! Contact the Financial Aid Office for more details. The address and deadline are to be announced.

Caltech Coffeehouse
The Caltech Coffeehouse will open tonight for the third time. If there are any questions, contact Jon Haszard, Les Grate, or Jack Ausman at X6173.

Faculty/Student Committee Nominations
Nominations for Faculty/Student Committees are now open and will remain open through this coming Monday. The sign-ups are on the door to the Master's Office. For further information or if you would like to become a member, contact Alaric Clinton X6829 if you are interested. I'm sure you'll be interested in being on the team that should have taken at least one term of fencing. At the beginning of the term the beginning fencing classes are encouraged to take the advanced class. It seems like the beginning class is held from 7:00 to 8:00 p.m. on Mondays and Thursdays at the Citadium. The class is for beginners, and the time is sponsored by AMETEK Corporation.

Leadership Talk
Dr. Robert Lucky, Executive Director, Research, Communications Sciences Division, AT&T Bell Laboratories, will talk on leadership in a scientific setting. The talk will be held on Tuesday, April 11th, at 4:00 p.m. in Dabney Lounge. Pizza and soft drinks will be provided. The talk is sponsored by AMETEK Corporation.

Be An Olympic Cop
A representative from California Highway Patrol Protection will give a presentation on Monday, April 16th, at 11:30 a.m. in Winnett Auditorium. They are offering full-time employment as Private Security Officers during the 1984 Olympics, with assignments lasting from 6 to 8 weeks or longer. Students, staff, and academics are invited to apply. Drop by the Career Development Center, Room 8, Parsons-Gates for more information and to sign up for the recruiting meeting.

K E L I O F
Kellogg's Eighth Light Regiment of Foot (or at least its spirit) will run again on May 12-13. The uninitiated, KELIOF is a 24-hour relay run, teams of ten people. Each leg is a marathon plus a 10K, and the person on the team runs once an hour or so, depending on the team's speed. Even if you're not interested in running, your help is needed. In particular, we need people to help with runners and help set up and tear down. If you would like to run or help, or are just curious, call Dave Gallup at X6100.

Coin Auction
The April 18 meeting of the Caltech-JPL Numismatic Society will feature a coin auction. Bring your cash and coins to prepare the bid on the coin material available. During the auction, some lucky and energetic bidders will acquire pleasing additions to their collections.

Caltech Bayit
Would you like to live in the Caltech Bayit next year? The members of the Bayit observe the Jewish holidays, keep Kosher, and generally create a modern Jewish atmosphere. If you would like to be invited to dinner and learn more about the Bayit, please call Albert, Alvin, or Judy at 793-3359.

Help Soviet Jews
The Caltech Hillel is having a deli dinner (cost $2.00 per person) and a guest speaker on Sunday, April 8th, from 6:30 to 8:00 p.m. in the Red Door Cafe, upstairs in Winnette Center.

Work In Japan?
A Caltech alum is offering two jobs in his Japanese factory for the summer. Travel, room, and salary provided. Students will be doing basic factory work. If interested, see Dave Wales in 102 Parsons-Gates, or Sally Amundson in 61 Parsons-Gate.