New Pathways to Extinction: Richard Turco speaks about the “nuclear winter” that would follow a nuclear war.  

photo by Min Su Yun

Programming is Taught; PCs Placed in Student Houses

by Ken Whang

In response to unmet student needs raised at this year's Faculty-Student Conference, Dean of Educational Computing Geoffrey Fox has set up new sections of the Ph 20 computing class and hired a part-time consultant for students. In addition, the setup of a student committee and the installation of I.B.M. Personal Computers (PCs) has pushed forward computing in the undergraduate student houses.

The new Ph 20 sections differ from those taught first and second terms in that they offer explicit instruction on how to program. Three sections have been set up which teach the language C, and one which uses BASIC.

As they were originally taught last fall, Caltech's introductory computing courses, Ph 20 and E 1, offered no explicit instruction. Instead, students were given physics and engineering problems of increasing complexity and asked to solve them using the computer. Many students complained that they could not solve the problems with that minimal level of guidance.

Fox says these courses were "tolerably successful," but were hampered by the lack of organization inevitable in a new course. Also, no books were available which taught computing by this approach.

The new sections begin with a tutorial, and the switch to the type of problem solving that comprises the original version of the course. Fox considers this approach to be a good mix which may be more effective for beginning programmers.

A part-time consultant, Dan Rolands, is also available to assist students with difficult computer problems. A technical editor of PC Age and author of a book on assembler for the PC, Rolands knows the I.B.M. PC well and is there to help students with questions they may have about programming and the PC.

In the hope that he will not "become superfluous," Rolands would like to encourage all students, in and out of the computing classes, to see him about computing problems. His office on the fourth floor of Bridge is open Thursday afternoons from 1 to 4. Also new on the Caltech computing scene are I.B.M. PCs in the student houses. Fox sees their installation as a way to make computing facilities for problem solving and word processing more accessible to students.

"I want to do what the students want," says Fox. Accordingly, he has set up with the assistance of Chris Brennan and the Interhouse Committee (IHC), a committee of students, one or two from each house, to decide how computers should be introduced to the undergraduate houses.

If the current placement of computers in each of the houses proves to be unpopular, Fox may set up a pool of portable computers for students to check out as an alternative means for students to have access to computers.

5 Interested In Arroyo Center

by Chris Meisl

Five organizations have expressed a "considerable degree of interest" in taking over sponsorship of the Arroyo Center, currently being run by the Jet Propulsion Laboratory, according to President Marvin Goldberger.

The organizations include two academic institutions, two federally funded or contracted "think tanks" and one private corporation.

Caltech has spoken with army officials "closely associated with the evolution of the center" as well as the Undersecretary of the Army, James Ambrose, Goldberger added, and the Army is "very anxious that a new sponsor be found rapidly" for stability of the center.

The Army is committed to the center and wish to maintain its location in the greater Pasadena area in order to keep the current staff as much as possible.

The Army is also considering a separate plan of making the Arroyo Center a free-standing organization with its own board of directors.

Meetings were held this week in Washington D.C. for the Army to state its "preference of association."
The Inside World

Blacker: This is a test of the Inside World section system. This is only a test.
1. How many buckets in a branch of oatmeal?
2. Why?
3. Why not?
This has been a test of the Inside World section system. We now return to our regularly scheduled article.

Fleming: Last weekend, Fleming Country Club was held at Dodger Stadium, and to Scan Eddy's sickening pleasure, the Pirates of Pittsburgh came away with a victory.

Lloyd: Farrell's was a blast.
P.S. Disneyland was nice, too.

Richter: Given up my title as regular columnist. We now return to our regularly scheduled article.

Dahney: No entry.

Page: No entry.

Ricketts: Well, 3rd term room pick has come and gone and the house has settled into a new configuration. Happenings last week included Sunday's hard fought discobolus challenge against Ruddock in volleyball league. Just one league down are those tan jocks (except for Anne) of the Omega and Ruddock: Mood tonight.

Ruddock: Okay, last week I was very subtly reminded by some of the editors that I had forgotten to write my Inside World column. So now I will try and get you all up to date on what's going on in Ruddock House.

Let me think... way back to two weeks ago. What happened? The last of the season!!

Let's see... what else? I think I have it all. This week the social event will be a trip to the Laserium to freak to some record.

Now back to you in New York, Walter... Rod P.S. I've still got a birthday cake left if anybody wants some.

The California Tech 

Volume 85 Number 24
Friday, April 13, 1984

Published weekly except during examination and vacation periods by the Associated Students of the California Institute of Technology, the opinions expressed in this editorial are strictly those of the authors and do not necessarily reflect those of the editors.

Letters and announcements are welcome, but they are subject to the discretion of the editors. The deadline for copy is Wednesday evening at 8:00 pm. Late copy may not be printed unless previous arrangements have been made with the editors.

Editors in Chief: Ken Hahn, Ken Whang
Sports Editor: Stewart Peebles
Photo Editor: Min S. Yu
Photographer: Matthew Penn
Reporters: Jim Hannick, Stewart Peebles, Kevin Arriola, Scott Fawcett
Sports Reporters: Wayne Shilkret, Chris Meisl, world-class artists and ensembles are scheduled for this tenth annual season at the ambassador.

Of primary interest in a season studded with major musical events is the Metisland Rostropovich in his first cello recital here in seven years, and the London Philharmonic. Continued on page 7

ALL YOU CAN EAT DINNER
Colonel Lee's Mongolian Bar-B-Q
1115 Fair Oaks
South Pasadena 799-6176
You can make your selection from four kinds of meat and fish, nine fresh vegetables, and ten different Bar-B-Que sauces. The sliced meat and fresh vegetables are cooked on our special Mongolian grill right in front of your eyes.

Ambassador Season Announced
by Chris Meisl
Wayne Shilkret, Director of Performing Arts for the Ambassador International Cultural Foundation, has announced details of the twenty subscription series to be presented at the Ambassador Auditorium for the 1984-1985 season.

More than one hundred world-class artists and ensembles are scheduled for this tenth annual season at the ambassador.

The California Tech Y Fly-by

Friday...April 13
Noon concert—on the quad—Random Walk Reggae Band


Saturday...April 14
Bike up Mt. Wilson—meet at Winnett—7:30 am. Bring your lunch and a pair of long pants!

Wednesday...April 18
Noon Update—"Magnetic Fields on the Sun" Dr. Harold Zirin, Professor of Astrophysics Director of the Big Bear solar observatory, Winnett Clubroom 1. Bring a lunch and a friend.

Thursday...April 19
Jack Smith, Los Angeles Times columnist will be speaking at Baxter lecture hall, 7:30 pm. Free, open to all.

Friday...April 20
Noon concert—a total surprise to all but our own Suzy Blue!

Monday...April 23
Philharmonic sign-ups for Friday night, April 27 the last of the season!!

For more information on any program call the Caltech Y office at 356-6163.
Villains Pursue Vincent Price

Vincent Price stars in his one-man show, "The Villains Still Pursue Me," a history of villainy in literature and entertainment, Wednesday, April 18 at 8 pm in Beckman Auditorium.

Price has often portrayed villainous characters on screen. He has appeared in over one hundred films and countless theatrical performances during his career. Among his better known works are The House of Seven Gables, House of Wax, The Ten Commandments, and The Raven.

A native of St. Louis, Price received his undergraduate degree in art history from Yale. He then studied at the University of London and the Courtauld Institute. It was in England that he first appeared on stage.

In addition to his theatrical career, Price is active on the lecture circuit, discussing such topics as art and theater. He is also a prominent figure of the La Jolla Playhouse.

Ticket prices for Caltech students with I.D. are $7.00-6.50-6.00. Rush tickets at $4.00 each will go on sale one hour prior to performance time at the Box Office (subject to availability).

Caltech faculty and staff tickets are priced at $13.00-12.00-11.00. They are available at the Caltech Ticket Office, located just north of the Beckman Auditorium parking lot. For information, call campus extension 4652.
Singers Present
Full-Length Concert

In their first full length concert, the Caltech Chamber Singers will present an evening of vocal chamber music at 8 p.m. Sunday, April 15, in Dabney Lounge.

The thirteen member ensemble, directed by Dr. Donald Caldwell, will present a concert of great variety, ranging from a double choir motet to madrigals and chanson to duets and trios, from Purcell to Gilbert and Sullivan.

Highlights include Heinrich Schutz's setting of Psalm 100 for double choir, lively chanson by Passerini and Janequin.

The Outside World

The U.S. Senate voted to condemn the mining of Nicaraguan ports on Tuesday. In an angry reaction to the White House approved, CIA directed action, 42 Senate Republicans led by Majority Leader Howard Baker joined the Democrats in an overwhelming 84-12 vote, only five days after approving a $21 million covert aid bill for the Nicaraguan contras. The mining has been carried out in several Nicaraguan ports since February and has damaged at least six merchant ships, including a Russian oil tanker and a Japanese cargo ship. The outcry against the American action is expected to strengthen the position of House Democrats who are fighting the covert aid bill. Intelligence officials warned that if Congress failed to approve the $21 million request, the CIA would quit the entire operation in Nicaragua and blame Congress for any consequences of abandoning the Nicaraguan rebels. The Reagan Administration is considering suspending further mining of Nicaraguan ports to prevent the Congress from cutting off the covert aid funds.

Walter Mondale defeated rival Gary Hart in Tuesday's primary in Pennsylvania, continuing his rout of the younger Gary Hart in the major industrial states. Combined with his recent victories in New York and Illinois, Mondale has widened his lead over Hart and increased his delegate count to 1047, compared to Hart's 571. Mondale again benefited from the composition of Philadelphia's voters—large numbers of union members, ethnic minorities, the old and poor. Although Hart won only a third of the total vote, he beat Mondale in the suburbs and among professionals. The Colorado Senator expects his fortunes to improve as the campaign moves to the southern and western states. Said Hart, "We're headed into our territory, folks." Jesse Jackson continued to attract the overwhelming support of blacks, and although he received less than a fifth of the votes statewide, he placed ahead of both of his rivals in Philadelphia, despite the endorsement of Mondale by Wilson Goode, Philadelphia's black mayor.

The crew of the space shuttle saved the Solar Max satellite, and therefore the mission, by grabbing the satellite using the robot arm and performing a seven hour repair operation in the cargo bay. An earlier attempt to retrieve the satellite failed when spacewalking astronaut George Nelson, propelled by a jet backpack, could not latch onto the satellite when a locking mechanism apparently stiffened in the cold of space. Mission Control then decided to try to retrieve it by using the robot arm instead of a spacewalking astronaut. Astronaut Robert Duvall, on a second sortie, used his 50-foot mechanical arm powered by a backpack, grabbed the slowly rotating 5,000-pound satellite on his first try and hauled it into the cargo bay where astronauts George Nelson and James von Haften repaired it the next day.

"Terms of Endearment" won the Oscar for Best Picture in the 56th Academy Awards ceremony at the Music Center. The film received a total of five Oscars: best actress, Shirley MacLaine, best supporting actor, Jack Nicholson, best film, and two for James L. Brooks for best direction and screenplay. Robert Duvall won in the best actor category for his role in "Tender Mercies" and Linda Hunt won the best supporting actress category for her role in "The Year of Living Dangerously." The most successful movie last year, "The Return of the Jedi," won only one honorary award for special effects.

The Backwoods to Perform at Dabney Hall

by Brian Toby

The Caltech Folk Music Society will host a concert with the Backwoods Jazz Quartet tonight (Friday) starting at 8 p.m. in the Dabney Hall Lounge. Tickets are priced at $5 in advance and $6 at the door and are available from the Caltech Ticket Office (X4652). Caltech students may purchase a pair of tickets at $3 each, thanks to a subsidy from the GSC.

The Backwoods Jazz Quartet has been entertaining West Coast audiences for years with their unusual fusion of traditional and contemporary folk styles with swing jazz. In fact, their popularity here has fact, their popularity here has

...continued...
Three Houses Are Tied in IH Basketball

by Ath Man at Large

After four of its 11 days, the Interhouse Basketball season is shaping up as a good, good race. Page, Fleming, and Blacker are all 2-0, tying them for first place.

Page got off to a good start, defeating Ruddock 40-28 on the first day. Fred Friends and Bob Giordano led Page with 10 points each, while Chris Cotterell's 11 points for Ruddock were not enough to overcome Jim Ruddock. Fleming defeated Lloyd 52-43, as Chris Zylinski led Lloyd with 22 points. Helgren got back on track with 16 points for Lloyd.

The Rudds split their next two games, routing Davids 31-29 (with Jeff Lester scoring 15 of the 31 points) and Helgren got back on track with 16 points for Lloyd.

The Victory belonged to the Batsmen, as their batsmen hit a home run in the ninth inning. Being the 10th of the season, this homeron is marked as a school record for the most homersons by the baseball team in a single season. With nine more games to in this season, more records are expected to be broken. The next game is tomorrow at noon at the Caltech diamond.

Weekly Sports Calendar

Fr. 4-15 1:00 pm Golf
Sat. 4-14 All Day Track
Sat. 4-14 11:00 am Women's Tennis
Sat. 4-14 12 noon Baseball (2)
Sat. 4-14 2:00 pm Men's Tennis
Sat. 4-14 3:00 pm Baseball
Sat. 4-14 4:00 pm Men's Tennis
Sat. 4-14 11:00 am Track
Sat. 4-14 11:00 am Women's Tennis
Sat. 4-14 12 noon Baseball
Sat. 4-14 1:30 pm Men's Tennis

Bad Light Ends Caltech Cricket Match

by Brian Ward

An abandonment due to bad light cheated Caltech of a back-from-the-dead victory at San Dimas. Needing 9-14 to win, San Dimas was struggling on 47-6 when a sharp rising delivery from Ricketts struck the opening batsman on his chest, forcing him to retire. It was then agreed after somewhat convoluted discussion to stop the match.

The light was certainly bad, but not much worse than that faced by Caltech earlier.

Put in on a truly atrocious wicket, Caltech had started breezily through the attacking strokes of opener Nadeem (12). He combatted the uneven bounce by hitting powerfully off the back-foot. But his dismissal led to a disastrous collapse from 19-1 to 36-9, as successive barmen tried and failed to hit themselves out of trouble.

The final pair of Rick and Rajer then showed what sheer grit and determination can do. For nine overs they patiently pushed singles and two's into the outfield and accumulated an amazing 43 for the last wicket. Top score Rick (18) and Rajer (17 not out) had more than doubled the total!

Strike bowlers Ram and Rakesh were now in great form. They were in their grasp was the wicket.

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Rehearsal for Much Ado About Nothing includes (left to right) George Williams, Jeff Pugh, Andy Bland, Alice Cronin-Golomb, and Bruce McLoughlin.

Win a honeymoon almost anywhere in the world!

Register now through April 30, 1984 at participating Zales for our fabulous Honeymoon Sweepstakes. The Grand Prize is a week’s honeymoon at any Hyatt Hotel in the world, including meals and airfare, no purchase necessary! Plus lots of other great prizes!

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- d. Diamond bridal set with 2 rubies, 3 diamonds in 14 karat gold. $599
- e. Diamond bridal set with graceful interlocking design in 14 karat gold. $349

Say “I do” to Special Values: a. Brilliant-cut diamond, 14 karat gold solitaire. $99

The Diamond Store is all you need to know.

Much Ado is Something

Not since the reign of James I of England has Shakespeare’s Much Ado About Nothing been performed with such realism. On the afternoon of May 5, in the garden between Parsons/Gates and Crellin at Caltech, the festal play will celebrate the union of Margaret Emde and Dennis Malone, who will be married in a ceremony at the end of the performance, making the double wedding of Beatrice, Benedick, Claudio and Hero into a triple wedding, according to a precedent set in 1613 by King James’ daughter, the Princess Elizabeth. TACIT hopes that the joyous, festival air of Much Ado will give much pleasure to the couple at this happy occasion.

Much Ado About Nothing tells of the parallel courtship of the two pairs of lovers. The repartee between the spirited, sharp-tongued Beatrice and Benedick is among Shake- speare’s wittiest dialogues; and the inept Dogberry, who finally unravels the villainous plot of Don John against Hero and Claudio, is a masterpiece of comic invention.

Shirley Marneus, director, seeks for realism in all facets of the TACIT production. Costumes, designed by Lila Roth, will be in the elaborate Italian Renaissance style. Anita Nardone, a Juilliard graduate and long-time member of the Caltech Women’s Glee Club, is researching period music, while Pat Houseworth and Rosana Gatti, CIT staff members, are teaching the cast authentic Elizabethan dances. Even the garden will be dressed as a formal garden of the Italian Renaissance. (A curious discovery has come out of these efforts: the pattern of the Pavanne, a court dance, proves to coincide exactly with the rhythm of the dialogue of the masked ball in Act II, scene 1. Apparently the scene played to a Pavanne in Shakespeare’s day.)

The object in striving for such authenticity is to bring Shakespeare closer to the audience. The audience will see and hear Shakespeare’s world... and indeed, exist in it, for the garden will be part of the set. In the effort to achieve clarity, Marneus has emended the text where it has become garbled in the transmission, and cut references which would be so obscure to a modern audience as to require explanation. She hopes for a “footnoteless” production.

Construction work on the show is underway, and there is always more room for helping hands. TACIT productions are the joint effort of the entire Caltech community; the cast includes the undergrads Dean Elzinga and Andy Bland as Claudio and Hero, Grad students Alice Cronin-Golomb and Jeff Pugh as Beatrice and Friar Francis, alum Peter Jess as Benedick, JPL staff germane George Williams and Bruce McLoughlin as Dogberry and Leonato and CIT staff Phyllis Weiss as Antonia. If you are interested in participating in this communal effort as seamstress or seamstress, usher, carpenter or Renaissance musician, call the TACIT office at 356-4259.

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A Generation Ago

Initiation Dominates Campus

by Mark Gingold

In case anyone hasn’t noticed, this has been initiation week. In the true Tech tradition, mayhem rules the campus. Once again the trajectory of a colored, elastic spheroid is computed with Tech precision. Once again the Health Center issues poignant pleas for sanity. As usual a mass movement has arisen on campus for the abolishment of initiation. Mass meetings are held, although, of course, the frosh are careful that no one overhears them.

However, it must not be supposed that the only purpose of initiation is the gratification of upperclass sadism. In fact initiation has helped to push back the frontiers of man’s knowledge. Was it not a Rudolph frosh that first measured the area of P.C.C.’s library in baby bottles squared? Did not a Lloyd frosh first attempt to compile accurate statistics on the measurements of Throop secretaries? Did not Ricketts’ frosh demonstrate conclusively that the proper place for Blacker is in Blacker showers? Have not the Fleming frosh proved, again and again, that there exists nothing lower than a Fleming frosh?

Although Tech initiation does consist in some measure and general hazing, there is also a serious side to it. Much thought and a great deal of time is devoted by the of wild stunts, water fights, and the Berliner Philharmonic. Other firsts include the new music director Ricardo Riccardo Marquez, and sopranos Margaret Price and Carlo Lorenz. The season also includes the new music director Ricardo Fluti, and the Berliner Kammermusk, twenty-three first fifty members of the Berlin Philharmonic.

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**Do You Know Food?**

You can help update the *little i* by reviewing restaurants that weren't review-ed in last year's little i - or wish to update a review that did ap-ppear - you can win a free dinner. The *little i* Spor-tstex will be offering five prizes of $20 towards dinner for two at an as yet unreviewed restaurant. To qualify for one of the prizes, simply send me a one-page revi ew (Karia Peterson, little i, 107-51) containing the following infor-mation:

- restaurant name and address (with directions if necessary) and whether it is within walking distance
- approximate price range
- comments on atmosphere, service, and the quality of the food
- number of cute waiters or waitresses
- an overall rating between one and four stars

Each week, one review will be drawn at random from all of those received, and the reviewer will be given $20 toward eating at the restaurant chosen. The reviewers of as many restaurants as possible within a year will receive a dinner for two. The *little i* reserves the right to disqualify anyone for one of the prizes. By submitting a review, you accept the terms and conditions of the contest.

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**Health Expo at Plaza**

The Plaza Pasadena is a site for Health Fair, a massive health screening project for residents of Pasadena, today and tomorrow, 14 and 15, from 10:00 am to 9:00 pm today and 6:00 pm tomorrow.

The Expo is sponsored by the American Red Cross and others, the free screening will be offered to residents for free to persons of age 3 years and older. The health tests and services include health history, height and weight, blood pressure, anemia, vision acuity, and health awareness. Optional blood tests will be provided at each site for a nominal charge of $10. This test includes testing for diabetes, cholesterol, triglycerides, kidney disease, liver disease, gout and more. The cost of 24 blood tests would normally range from $50 to $100.

The purpose of Health Fair Expo is the early detection of all diseases and the promotion of health awareness. The screenings are not intended to replace a thorough physical examination by a physician. Participants with apparent abnor-malities discovered at the health fair will be counselled to consult their physician or will be referred to a local doctor or community health facility.

**Sports Day!**

The 2nd annual Caltech Sports Day will be held on Fri-day, May 4. Sports to be con-tented include basketball, foot-ball, running, softball, soccer, swimming, tennis, volleyball, and a triathlon. Sign-ups should go up soon in the student houses, so sign-up and show up.

**Passover**

Passover starts Monday night. If you need a seder to go to please call the Bayil, 719-3859 (not Saturday before 7:30 pm). Kosher for Passover foods are available through the Bayil.

The Caltech Y and the World Af-fairs Forum. Refreshments will be served.

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**Humanities Research**

The National Endowment for the Humanities has an-nounced a unique grants pro-gram for individuals under 21 to summer carrying out their own non-credit humanities research projects. The Younger Scholars Program will award up to 100 grants nationally for outstanding research and exemplary projects in such fields as history, philosophy and the study of literature. These pro-jects will be carried out during the summer of 1985. The ap-plication deadline is September 15, 1984. Award recipients will be expected to work full-time for nine weeks during the summer, researching and writing a humanities paper under the close supervision of a humanities scholar. Please note that this is not a financial aid program, that no academic credit should be sought for the projects, and that competition for these grants is rigorous.


Shabbat Potluck

Hillel's monthly Shabbat service and potluck dinner is tonight in the Y Lounge, Win-nett Center, at 7:00 pm. If you can, please bring a dairy or vegetable dish; if not, come anyway.

**Oops!**

The Y Excomm results previously printed in this space were a little garbled. You should have stated that the Y's new president is Leslie Lippard; the new treasurer is Kevin Gunning; the new secretary is Bethan Beahon; and the new publicity coordinator is Andy Swanson. Retiring officers of the Excomm were Kelley Gunning; the new president; Bethan Beahon, vice president; Melissa Farrell, secretary; and Kent Nobig, treasurer. This time for sure...

**Summer Job Opening**

Requirements: Junior status, 3.0 GPA minimum. Experience in FORTRAN & elec-tronics, preferred option: EE but will consider E&AS as W/E option. Contact Herman Krig, Head - RAM Analysis Section, Performance Engineering Dept., TRW, Redondo Beach. (213) 535-6843 or 377-7565. For information on possible campus interview contact Career Development, x6361, Room 8, Parsons-Caires.

**Much Ado About Nothing**

Much Ado About Nothing will be presented at Caltech at 8 pm on April 27 and 28, and May 4 and 5; and at 2:30 pm on April 29 and May 3 and 6. The matinee of May 6 will be inter-preted in American Sign Lan-guage for the hearing im-paired. Tickets are available for $5.00 General Admission, $3.00 Student and $2.50 Caltech Student at the Caltech Ticket Of-fice, 332 South Michigan Ave. For further information call the Ticket Office at 356-3652. The Deadline Nears

The deadline for submitting contributions to the *Tomet is Wednesday, April 18*. Send your poetry, prose, photographs and drawings to David Sahara, 1-55.

**Old little i's**

We are still riddling the Tech office of back copies of the little i. If you would like an old (or new) little i, just pick them up in the Winnett Center under the travel board.

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**Classified**

**CLASSIFIED**

**Swimming Lessons** Stroke im-provement. Individual/Pairs. Ages 3 yrs to 90+ Your own pool or ours. 3 days per week.

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**NASA Summer Job**

Requirements: Junior status, 3.0 GPA minimum. Experience in FORTRAN & electronics, preferred option: EE but will consider E&AS as W/E option. Contact Herman Krig, Head - RAM Analysis Section, Performance Engineering Dept., TRW, Redondo Beach. (213) 535-6843 or 377-7565. For information on possible campus interview contact Career Development, x6361, Room 8, Parsons-Caires.

**Musick's Recreation**

Chamber music from the late 16th through early 18th cen-turies will be performed by Musick's Recreation, Sundays, April 15 at 3:30 pm in Dabney Lounge.

Included on the program will be Couperin's Consort Royaust No. IV; Jenkins' Fan-tasia in D minor; Walter's Suite in A Major; Buxtehude's Sonata No. III in G minor; Bach's Violin Sonata in G major; and tomorrow's Trio No. X in D major.

Frank Traffante, Genette Foster and Kathleen Sheehan attempt to recreate the at-mosphere that might have been experienced by the audience for whom the music was originally intended.

Musick's Recreation is cur-rently in residence at the Clart- mont Graduate School. Traffante holds the position of Chairman for their Graduate Faculty in Music. Foster is a Associate Professor of Music at Occidental College. McNicol teaches harpsichord and piano privately, in addition to holding positions at Occidental and Valley Colleges.

Admission to this concert is free of charge. For information, call campus extension 4612.

**K E L R O F**

Kelogg's Eighth Light Re-giment (or at least in spirit) will run again on May 20. For the uninitiated, KELROF is a 24 hour relay, run by teams of ten people. Each leg is a mile, so each person on the team runs one hour or so, depending on the team's speed.

Even if you're not interested in running, your help is needed. In May, we need people in time runners and help set up and tear down. If you would like to run or help, or are just curious, call Dave Gallup at X6180.

Start training now.

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**Russian Workshop**

The Caltech/JPL Russian Language Workshop will begin its second quarter of study of the Russian language on May 2. The workshop meets each Wednesday evening in Stele Lab, room 110, from 7 to 9 pm. Membership is free and is open to the Caltech community and friends. For more information, contact Larry Moh (JPL) 354-6744, or just stop by. Visitors are always welcome.

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**Graduate Students**

**Go Ahead Read This**

The GSC is now buying 100 copies of *The California Tech* so that you can read the Tech and even contribute to it. Feel free to submit articles, announcements, or even pictures. We hope that on the basis of this trial period the GSC will opt to increase subscriptions.

**Read the Tech!**