Shake, Rattle and Roll

By Robin Khanum

Another sunny morning was dawning over the beautiful Southern California. A gentle murmur rippled through sleepy students in the mash of acoustics over their cereal and furniture metal tidied to the accompanying roar of a police siren in the background. However, fear grips the Californians—is it merely the local Amtrak, or is it the Big One?

The recent inauguration of Geophysics and director of the Institute of Geophysics (laboratory) will try and strip away some of the fear and misconceptions regarding earthquakes. Perhaps some of the latest technological advances in the field of seismological study as part of the Earnest C. Watson Lecture Series next week. The lectures, which are sponsored by the Beckman Auditorium at 8 p.m., will feature the "TERRAscope," the Modernization of Seismology and Hazards, and how to better analyze the effects of earthquakes and thereby lessen their destruction on a worldwide society.

"TERRAscope," says Dr. Kanamori, "basically a state-of-the-art, computer-controlled seismological instrument with a dynamic range of 1022. The TERRAscope gives the capability of real-time data retrieval." Conceived in a 1985 meeting between Dr. Kanamori and Dr. Wasserburg, the TERRAscope concluded that better instrumentation was needed to accurately and understand the earthquake. The TERRAscope (derived from "earth real-time data retrieval") is a series of seismic measuring stations located at various points throughout Southern California. The TERRAscope network allows the system to virtually instantaneously record seismic waves and transmit the data to a variety of users.

TERRAscope’s great advantage lies in its ability to record seismic waves across a wide range of frequencies, discovering waves which passed unrecorded before. There are changes in a manner of speaking, the TERRAscope has been operational since 1988 (from the break in the structural). It needed to be solved, and at 10 million more than the end of the year. Each station is approximately the length of a standard train. What it needed to be solved was the project is being financed with grants from the National Science Foundation (NSF), the ARCO foundations.

Mr. Smith Goes to Washington

by Philip B. Wrensell

The Capra Program, under the direction of Professor of History Robert Rosenstone, will present two distinctly different images of society—one that is the routine other of the Soviet Union. The two series will screen at 7:30 p.m. on Tuesday nights in the Arts and Sciences Building. The series will be open to the public.

The first series, premiering on January 12, is entitled "Mr. Smith Goes to Washington." The series will cover movies from the early 1920s to the present. The second series, which will begin on January 26, will focus on the history of the Soviet Union as shown in Soviet filmmakers began developing a socialist state—"a collectivist" that was the first film in the series. Mr. Smith Goes to Washington focuses on the role of government in society—one of the U.S. and the Soviet Union. Discussions between Israel and the Soviet Union, for example, are held in a spirit of civil and political dialogue.

Dear Editors:

On the December 6th, 19th issue of the Tech, an essay by Meenakshii Sahani was addressed to me and my fellow seniors. The essay, entitled "The Importance of Being Flippant," expressed the idea that it is acceptable to have a lighthearted attitude. The essay, however, raised some concerns among me and my fellow seniors. We believe that the essay, rather than being a plea for a lighthearted attitude, serves as a call to action for all of us to reconsider our approach to life.

Galileo went through a great deal of trial and tribulation in order to present his ideas to the world. His infamous trial was about his belief in heliocentrism, which was considered a heresy at the time. Galileo was imprisoned for 11 years and was later forced to retract his beliefs.

"But it's a tradition!" is a common refrain. What this response means is that traditions need not continue just because they're called "traditions." It's important to continuously determine if the traditions that we hold on to still serve a purpose, or if we are wasting our time and energy on something that we want to happen. The message I intend to convey is that anything that affects you in one way or another. I've been quite heavy-handed in this regard, and I hope that you'll take the time to reflect on the message I'm trying to convey.

The answer, he feels, lies in providing a clear, understandable, and accurate response to the charges. "We must be in this light, and we must be in this light, and we must be in this light," says Dr. Kanamori, "We must be in this light, and we must be in this light, and we must be in this light."
we can take a brave step in improving campus relations. By refusing to sacrifice the commencement "distinction," how can Fleming expect other houses to take similar strides for improving student life and communication?

That June, I will graduate from Caltech in black. I hope my classmates will do the same. Commencement is neither the time nor place for self-segregation. After all, we're...

One school, one color. Sincerely,
Christopher M. Ho, Senior former Fleming House Historian

(Long article about Schlumberger and its role in the oil and gas industry, discussing its success and the challenges it faces with Asian competitors)

---

Please Note: Open to all interested students. Your attendance at the Information Meeting is a prerequisite to your interviewing process. Please attend. Refreshments provided: Casual attire.

INFORMATION MEETING:
Date: January 21, 1992
Time: 4 p.m. - 6 p.m.
Place: Student Activity Center

INTERVIEWING:
Date: January 22, 1992
Place: Check with Placement

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EDITORIAL

As an effort by and opportunity for Americans to interfere in their way of conducting business. Thus, they would have the justification to do the opposite of what the CEOs want—ignore American accusations with aplomb.

Y NEWS

Associates Student Sunday is back! The Associates are pleased to offer this opportunity for students and Associates to get together in an informal setting. This is a welcome chance to enjoy a home-cooked meal with a family. Student Sunday will be January 26 from 5:30 to 8:00 PM. There will be four students for each home. Come alone or sign up with your friends. Sign-up sheets are at the Y or in your house.

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$15.00 for A.S.C.I.T.

$2.00 for non-A.S.C.I.T.

Friday Night ASCIT Movie

Next Week: The Good, The Bad, and The Ugly

THE CALIFORNIA TECH

Volume XXII - Number 11

January 10, 1992

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The Inside World

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This Week’s Inside World was written by:
Dabney: Stephen Thompson
150 S. Chester: Christopher Dunn, Mark Lakata
Ricketts: Dan Xystus
Ruddock: Kieth Langer, Aaron Lipman, Ari Kaplan

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Dan Xystus
In a dimly lit room, Jiminy Cricket once said to Pinnochio “it is not easy being a cricket; we have problems just like anyone else. When things get tough my boy, remember the only difference between you and I is that insects make more interesting noises when stepped on.” My grandfather told me that story when I was very small. I do not know why I remembered that story now, maybe I am warped mentally, or maybe it is because I am contemplating the upcoming term. Second term junior year for a physicist is supposed to be the most exacting term of all — or so I am told by reputable sources. I think my sources are a bunch of sadists. School appeared to be different in some fundamental way recently. When I came to Caltech, there were not as many foreigners as there are now. The school has certainly gone downhill. Realize that the foreigners that I speak of are not from another country, but are extraterrestrial beings. You see they look just like us, so that it is easy to infiltrate our culture. Ever wonder how a student can ace a Ph 106, Ph 98, or similar course’s midterm and finals. Could it be that they are intellectually gifted in some way? No. The explanation, my friend, is that alien influences are at work. If those few “gifted” individuals are not aliens themselves they are the ones who have sold out. They have undergone changes — biochemical, neurological, structural, or sexual changes. There is not enough data to know exactly their anatomical differences, but one can easily see that this problem must be dealt with someday. They are studying us right now. Look at the student mailboxes. Were they put there for the student’s convenience or for some other purpose? With the mailboxes in a central location the aliens could study up close our super secret Post office sorting algorithm. This information could give the extraterrestrials unforeseen power. Who knows the extent of their power or accomplishments. Could these be the aliens behind: Easter Island? JFK’s assassination? Dan Quayle’s rise to power? or even the Hotdog-hotdog bun enigma? Are these aliens friendly or big mean ones with huge green teeth and blue hair and breath that can strip the paint off a house? Time will tell. I felt that you, the Caltech community should be warned. Keep an open eye and be strong.

Harbinger of Suspicion

DABNEY HOSS
Christmas

SANITY CHECK.

EAT THIS

NORTHERN EXPOSURE

Figure 8.09: A flame-retardant tree.
Commonly used symbols:
F - Female
M - Male
W - White
N - Black
A - Asian
I - Native American
M - Latino
L - Lesbian
G - Gay
B - Bisexual
J - Jewish
A - Atheist or Agnostic
? - Non-racist

MEN SEEKING WOMEN

ENGINEER seeks healthy SOF or SWF to blow my whistle. SOM, 20, 3.9GPA, owns an expensive sportscar; cool haircut.
#44

HUNK WITH A HEART, SWM, 21, seeking attractive SOF to hold hands at pumpkin drops and breast feed me. I’m the man of your dreams. Shall we dream together?
#54

BIOLOGIST seeks blonde SOF to accept my genes. SWM, 19, never UASHed, understands a woman’s anatomy. Acupuncture optional.
#27

VERONICA!! Write me back! I accidentally erased your e-mail. Ted.
#6

CHEMIST with bulging test tubes seeks athletic SJF to stir my fluids. SJM, 21, aced GREs, destined for Ivies. Meet me on the road to success.
#75

LOOKING FOR FRIENDSHIP, and possibly marriage. Tall, dark and handsome SWM, 22, seeks S7F with sparkling eyes and sense of humor for evenings of arm-in-arm walks and romance under the glow of the moon. May I fulfill your every desire?
#61

VERONICA!! Write me back! I accidentally erased your e-mail. Bob.
#106

ASTRONOMER with powerful telescope searches heavens for dark-eyed red-head to experiment on astronomical corona. SWM, 18, wears designer frames, has own telescope cover. Let us research the gravitational effect of black holes on pulsars.
#24

HANDSOME, bright, cheerful, imaginative SWM, 22, seeks naughty older S7F for instruction in love. Can be discreet.
#203

PHYSICIST seeks comely young lady to discover my particles. Stud in class and out. Has new linear accelerator for high-energy potential barrier penetration.
#48

VERONICA!! Write me back! I accidentally erased your e-mail. Bill.
#206

SEMI-ATTRACTIVE SWM wants several S7Fs to give him constant dorm room company, help him with homework, and glom him incessantly. Must be comfortable with childish flirtation and inexorable rejection.
#60

PROGRAMMER desires lithe, virus-free SWF with floppy disks to mount my hard drive and service my R/W head. Must have ample supply of software. I am familiar with big O notation. May I finger you on the net?
#80

WOMEN SEEKING MEN

(No current week.)

MEN SEEKING MEN

UNCONTROLLED ANIMAL inside me desires S7M for S/M. No role preference. Please, no permanent scars; small pets OK.
#57

WOMEN SEEKING WOMEN

ELLE!! Write me back! I accidentally erased your e-mail. Veronica.
#306

Meet your match!! Call 976-DUAL to learn the e-mail address. A charge of $5/kB will be billed to your House discreetly. *If your new friend provides revealing GIF photos over the network, we are not liable for any penalties imposed by the CCO Anti-Pornography Council.
Caltech: The Big Screw
Zayin Ba’ayin House

Let’s just begin by saying that every college dude in Connecticut looks like Ari Pine. They all wear sweats and backwards baseball caps, and that “I haven’t shaved yet” look. As we entered the cafeteria at U of Hartford, we were greeted by the starbellied sneetches and the bare bellied sneetches.

To our immediate right were several bleach-blondes with shit-eating grins. They greeted Ari (Kaplan) favorably as he waved his wallet in the air, exposing some plastic. After proving our financial worth, we were encouraged to sit in the “uptown” portion of the cafeteria. Ari Pine #79 walked up to his fellow Ari’s, and uttered a guttural bonding noise which only his friends could understand. He yelled, “SWHUAWSSS.” If you want to know what it means, ask Ari Pine. We haven’t found the vague clue yet.

As we grew tired of Connecticut (not very difficult), our next stop was central Massachusetts, specifically Mount Holyoke, commonly known as “Mount Holyoke to wed, Smith for head.” (Smith is a COLLEGE, not an individual you bonehead). Unfortunately, the quality of the architecture far exceeds its inhabitants. It is at a place such as this that “women” is spelled “womyn,” but not for politically correct reasons.

We were asked to check our manhood at the gate, and when we finally got to our destination, we were told that, “You must be escorted upstairs. All men require a female escort.” New England’s best kept secret is best kept a secret.

Our next stop was Holyoke’s rival, Smith College. You won’t find any girls here, just the gate, and when we finally got to our destination, we were told that, “You must be escorted upstairs. All men require a female escort.” New England’s best kept secret is best kept a secret.

Our next stop was Holyoke’s rival, Smith College. You won’t find any girls here, just

“Smith WOMEN.” (possibly also spelled with a ‘y.’) We had to check out if Ali’s fantasy was a reality, or just one of many dreams ended with an empty box of Kleenex. The first house we happened upon was Tyler House, trying to see if anyone remembered the legendary Jody Kaplan. After loitering in the common area, one of the womyn approached us, asking if she could help us. After explaining to her that we were fine, she proceeded to go to the house phone and call security (I can just see their Crime Boat: 12/20 MEN were spotted in the common area of Tyler House).

After a quick exit, we headed as far away from Tyler House as possible (though the sirens were already sounding). We asked a few girls (whoops) for directions to Wilder House. The elated ladies were more than happy to provide extensive directions, and asked who we knew in Wilder House. After telling them that we were looking for Yvette, one of them jumped up and down. “Are you serious? I’m good friends with her!” I’m sure the conversation that took place that night contained the line, “Yvette, guys were looking for you!”

We continued our approach, but somehow were diverted to Lamont House. We were stopped at the front desk by a young woman in a WWII Stormtrooper’s uniform. “Was tun Sie hier?” I explained that we were diverted to Lamont House. We were stopped at the front desk by a young woman in a WWII Stormtrooper’s uniform. “Was tun Sie hier?” I explained that we were

down to New York she sleeps with “random” guys (yeah, they use that word there too).

This damned article is getting too long and I’m getting tired.

Suffice to say that the rest of our Smith trip is not fit to print. Ask anyone in Northampton, and they’ll tell you that Ari Kaplan is in fact the hottest dude on Earth.

As for the rest of our trip, in a nutshell, we made it out to Boston and discovered that MIT is not the golden palace that the media has made it out to be. We ran into Todd Roland, who transferred after freshman year. He said not to tell anyone that he shaves guys (yeah, they use that word there too). This damned article is getting too long and I’m getting tired.

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**Guitar Classes (continued)**

Students and other members of the Caltech community (space permitting). Undergraduate may receive 3 units of credit if they so choose. Private instruction on any level can also be arranged. The instructor, Darryl Denning, can be reached at (213) 465-0801.

**Men’s Clee Club**

Caltech Men’s Clee Club needs more members. Instructor, Undergraduate, probably staff and faculty all welcome. Will perform with Caltech-Occidental Orchestra in February, with Ms. Myers’ Capitole Women’s Choir. Interested? Contact Dr. Donald Caldwell 3-30, ext 197.

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**CONVERSATIONS**

**Computers**

"Conversations with Computers" will be examined by Susan Brennan, Center for the Study of Language and Information at Stanford University, Tuesday, Jan. 14 at 4 p.m. in the Occidental College BioScience Lecture Hall. Sponsored by the Occidental Cognitive Science Program and the PEW Foundation, the lecture is free and open to the public.

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Caere will conduct on-campus interviews on January 14, 1992.

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- **Monday at 11:00pm**
- **Tuesday at 10:00pm**
- **Wednesdays at 9:00pm**
- **Saturdays at 8:00pm**
- **Sundays at 8:00pm**

Vanilla Lee and Karen Ross took the 200 breaststroke, Mike Ng in the 100 backstroke, Karen Ross in the 100 breaststroke, and the 100 breaststroke proved to be the crucial point. The points helped the Techers pull away from the pesky Poets and closer to CSULA. The final race was a 100 meter relay, and while both of the Caltech squads were strong, they could not overcome the final outcome. Swimmers of the meet included Vanilla Lee and Karen Ross, while Mark Savellano and John White took hours for the men.