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VOLUME LXXXVIII NUMBER 25

PASADENA, CALIFORNIA

FRIDAY 24 APRIL 1987

Morgan Overviews Student Affairs

by Theron Stanford

Dr James J Morgan, vice president for student affairs, addressed the Caltech Management Association at a Noontime Briefing Monday in Winnett Lounge, giving "An Overview of Student Affairs at Caltech." To this end, he gave a short history of the Student Affairs office and explained how the various smaller offices associated with student affairs work together under his direction.

As an institute vice president, he reports directly to the President, and he belongs to the Institute Administrative Council. His function is to get counsel and advice from the students; he stated that the Faculty-Student committees, AS-CIT, the IHC, and the GSC all have access to the system at various points.

The Office for Student Affairs is a relatively new one, created in 1975 with Dr Ray Owen serving as both vice president and Dean of Students until Dr Morgan assumed his present position in 1980; Dr David Wales became Dean. Prior to that, Dr Lyman Bonner directed the Office of Student Relations, which was created in 1969.

As vice president for student affairs, Dr Morgan works with many people, most of whom are professors, in many different offices. In particular, he works closely with

the Deans, both undergraduate and graduate, and the Master of Student Houses. Historically, there have always been two undergraduate deans, but they used to both be professors—one was the "morning dean" while the other was the "afternoon dean." In 1980, the institute hired a full-time associate dean to replace one of the part-time deans.

A number of offices come under the jurisdiction of student affairs, such as the Admissions Office, the Financial Aid Office (which until ten years ago was part of the Admissions Office), and the Office of the Registrar. Formerly, all these offices were headed by faculty members, but in order to alleviate the "bureaucratic crunch" and have the manpower to focus individual attention on the students the institute hired full-time professional staff. Nevertheless, Dr Morgan stressed that each of these three offices has one or more faculty committees associated with it; for instance, all admissions decisions are done by faculty, who also visit schools and recruit. Other offices which Dr Morgan supervises are the Health Center and the Career Development Center. Dr Morgan applauded the change of the CDC from a passive to an active support for students, citing the excellent work they have done in spreading



Welcome Prefresh—Caltech is hosting these 30 prefresh for the weekend. They will engage in informal tours of the campus, visit lectures, and dine in the student houses. If you see any of them around campus, let them know about life at the Institute.

information to students about job opportunities, scholarships, etc., and used this as another example of the need to use more professional people in student affairs.

One of the major responsibilities of Dr Morgan's office is the overseeing of nonathletic extracurricular activities, such theater arts and music. Music enjoys the **continued on page 4**

Watson Lecture Celestial Splashdown

by Glenn Tesler

Four and a half billion years ago, the solar system consisted of clouds of gas and dust which, under the influence of gravity, were squashed into a disk with a large quantity of energy at its center and large chunks of matter orbiting the center farther out. As time went on, many of these large chunks coagulated into planets, but other large chunks of matter still floated around, colliding into each other and into the already formed planets. Recent evidence that the Earth's moon may have been formed as the result of one of these collisions was presented by David

J. Stevenson, Ph.D., in a Watson Series lecture entitled "The Origin of Our Moon: A Big Splash."

Dr. Stevenson presented several popular theories purported to explain the creation of the moon, and tested their plausibility according to how well they explain several characteristics of the moon. The moon has much less iron than the earth; the earth has a high concentration of iron in its core, and a much lower concentration in its crust, approximately equal to the concentration of iron in the moon. The moon has a low quantity of volatiles (such as water). Measure-

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Noontime Lecture To Heighten Awareness of AIDS

by Doug Cuttrel

Michael Gottlieb, M.D., a renowned West Coast authority on AIDS, spoke to a group of mainly faculty, staff and grad students last Monday at noon in Baxter Lecture Hall on the subject of AIDS. This noontime lecture was presented by the Health Center and the Y as part of Monday's AIDS Awareness Day on campus, which saw a table with safe sex literature and free condoms on the Quad, and a roundtable discussion in the evening.

Dr. Gottlieb began his talk by tracing the history of the progression of the disease. His first encounter with the disease was with a few referrals of patients with unusual symptoms in 1980 at U.C.L.A. Today, it is estimated that from 1.5 to 2 million Americans are infected and contagious. The epidemic is spreading rapidly into the heterosexual population, as expected from countries in Africa where the epidemic has always been primarily spread in the heterosexual community. Dr. Gottlieb reported that in excess of 50,000 Americans will die of AIDS in the year 1991 alone according to current patterns.

Despite the rising incidence, Dr. Gottlieb stressed that it is now believed that AIDS is spread only through sexual contact and blood contamination (which includes sharing needles in IV drug abuse). Shared saliva and insect bites are now thought to play no role, he mentioned. However, contamination of blood through cuts in the mouth, from semen or saliva, is still a hazard.

On the subject of antibody testing, Dr. Gottlieb said that a

single exposure to the virus may cause infection and make an individual contagious, but that antibodies detectable by the test may not appear for up to six months after contact and infection.

Dr. Gottlieb explained that AZT is the only drug clinically proven to alleviate symptoms of AIDS. It is not a cure, he said, and is quite toxic, producing numerous side effects. Although it has been

proven to prolong life in AIDS patients, it is not clear how long life can be extended by AZT. Alternate drugs with less toxicity, such as ribofarin, have shown some promise as potential treatment, but Dr. Gottlieb said there is no clinical proof of their effectiveness.

For additional information and anonymous antibody testing, contact the Young Health Center at x6393.

Evening Discussion

by Konstantin Othmer

On Monday, April 20, Bruce Kahl and Lori Mulvany of the health center, representatives of faculty and the administration, and some students met at a roundtable discussion about AIDS, in the Winnet Center in the evening.

"Welcome to the state of AIDS education in America," Dr. Bruce Kahl remarked, commenting on the sparse attendance at both the evening's informal discussion and the noontime lecture by Dr. Michael Gottlieb. Kahl attributed the poor attendance to attitudes of denial and ignorance in the Caltech community. He further stressed that the responsibility for safety must lie with the students. The purpose of activities like "AIDS Awareness Day" is to give students necessary information to protect themselves from AIDS.

Resistance to AIDS education, however, is not unique to Caltech. At a UCLA meeting on AIDS, only seven people showed up, and none were male. Similarly at Stanford, until the campus was flooded with creative safe sex sugges-

tions, which successfully increased awareness of the AIDS problem.

Chris Brennen indicated that a committee had been formed at Caltech to distribute information about AIDS to students. Some discussion on the prospect of AIDS at Caltech followed, and in response to the question "Have there been any cases of AIDS on campus," Lori Mulvany answered, "I don't feel comfortable answering that."

It was suggested that other reasons for ignorance among Caltech students may include the sexual naivete of many undergraduates; a reluctance to link death and sex; and the association of AIDS with homosexuals and drug users.

Since by now it is clear that AIDS is a danger with heterosexual as well as homosexual sex, all sexually active members of campus may desire a confidential and anonymous test, which is available at the Health Center for \$40; the results of the test are known within three days. Free condoms are also available, but the quality of the condoms were questioned in the discussion.

ASCIT Calendar



Fishbone will be appearing at a joint Caltech/Occidental party on Saturday, May 30, at the Oxy campus.

- 3 May Sports Day
- 8 May Spring Formal
- 16 May Alumni Seminar Day
- 22 May Drop Day
- 25 May Memorial Day Picnic
- 30 May Fishbone at Occidental

Hey, kids -- sign up for Sports Day and the Spring Formal (the sign up for the dance comes down tonight)! House presidents will have dinner tickets for Alumni Seminar Day. More information on the picnic and Occidental party is coming soon. And formal attendees: Check out the one-step tux and flower deal.

COMMENT

Remember Today -
Armenian Question

by Aram Kaloustian

For too long the Armenian question has remained unanswered and more importantly, unexplained. Who are the Armenians? Where do they come from? Where are they now? Is there an Armenian question? It is not common for the everyday person to know the answers or the partial answers to questions like these. I intend to explain the facts of what happened to the once rich and prosperous nation called Armenia and how it evolved to its present state.

Armenia (or what was once Armenia) is located in the Middle East along the Caucasus Mountain Range located between the Black and Caspian Seas and includes territories now occupied by Iran, Turkey, and the Soviet Union. Scriptures and tabloids found in this region say the first Armenians to occupy this territory date as far back as 800 B.C. as descendants of Uratu tribes.

Over the years, the Armenian language and culture was very distinct from its nearby muslim neighbors. This difference was heightened when Armenia adopted

Christianity as the state religion under St. Gregory the Illuminator in 301 A.D. and developed the Armenian alphabet some 100 years later. These differences are the basic reason that Armenians have been subjugated under the rule of empires such as the Roman, Greek, Byzantine, and most recently, Ottoman. This final subjugation was the most tragic in that the Armenians were mercilessly slaughtered and thrown from their ancestral homes.

The Ottoman Empire was ruled by Sultan Abdul-Hamid in the 1800's. Known in Europe as the "Butcher of Armenians" for the mass killing of approximately 200,000 Armenians in 1895-96, the Sultan was overthrown by the Young Turk Party in 1908 as the crumbling of the Ottoman Empire came to an end.

Promising the Armenians much awaited reforms, the Young Turks under Enver, Jemel, and Talaat Pasha took control only to continue where the Sultan had left off. An unexpected raid of the Adana region in 1909 claimed the lives of

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Ditch Day Is Tomorrow...

by John Beck

As most of you probably know by now, Ditch Day is tomorrow. Of course, it isn't really tomorrow since tomorrow is a Saturday, but it's coming up soon. The idea of Ditch Day always being "tomorrow" started many years ago when a senior, tired of being hounded about the exact date of Ditch Day that year simply responded that it would be "tomorrow", the next day he said the same thing, until the idea eventually caught on.

For those of you who haven't been around Caltech that long, Ditch Day is an annual event held on a school day (usually, though not necessarily, in May). Since it

is officially Senior Ditch Day, the exact date is known only to the seniors until the day actually arrives. What actually happens is that the seniors all leave campus and leave their rooms "stacked" shut, and it is up to the underclassmen to "break the stack". This can mean a variety of things. A brute force stack can be broken by any physical means whatsoever. The more common "finesse" or "honor" stack usually involves having the underclassmen performing a number of tasks; often their is some central theme.

There are rules that should be observed in order for things to run smoothly. First, each stack should

have some minimal explanation about what type of stack it is and who is allowed or expected to work on it, etc. Secondly, any finesse stack should give some sort of hint about how and where the underclassmen should start working. Under no circumstances should any stack involve sabotaging of anyone else's stack; seniors are, however allowed and even encouraged to work together and coordinate tasks among stacks, even across house lines. Ditch Day Central may prove helpful for the underclassmen on this point. It might also be a good idea for seniors to leave a phone number where they can be reached or to at least call periodically in case the underclassmen run

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LETTER

Praise For No Gag Rule

To the Editors:

Caltech prides itself as a center of scientific endeavor. We certainly advertise ourselves this way to incoming students.

Science progresses best in an open, honest community. Information must flow freely so that each individual can make an informed opinion of the events at hand. Of course, faulty information may be presented with the good. Good science comes from the careful separation of good from bad. Caltech, being a scientific center, should strive to meet this ideal.

Consider the "Gag Rule." It violates every aspect of our ideal. Instead of providing the incoming freshmen with freely flowing information about the houses, it forces them to make their decisions in a vacuum. This rule allows only for partial, rumorlike information (which invariably creeps around the edges of any such rule) to be spread among the freshmen, and to be taken as the truth.

Some may argue that the gag rule saves "gullible frosh" from believing horror stories about other houses. Are these the freshmen who are going to be the scientists of tomorrow? Will they be able to ignore the "erroneous" data points (and get the correct electron charge!)? Of course they will! We do not have to shield them from the garbage that flies around during rotation. Our freshmen deserve more credit; they can filter out the lies.

By enforcing the gag rule we necessarily prevent the dissemination of accurate information. If the scientific community ran under a gag rule, nothing would be accomplished.

We propose the opposite. The freshmen should be given as much information as possible even though much of it is personal opinion. They should, however, be forewarned that the opinions expressed do not necessarily reflect those of the entire community. Just as in the courtroom, each house has its own chance for rebuttal.

We thank the IHC for their decision to revoke the gag rule.

-Satomi Okazaki
Jed Lengyel
Randy Kamien

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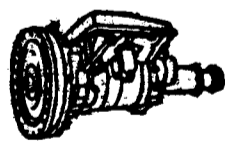
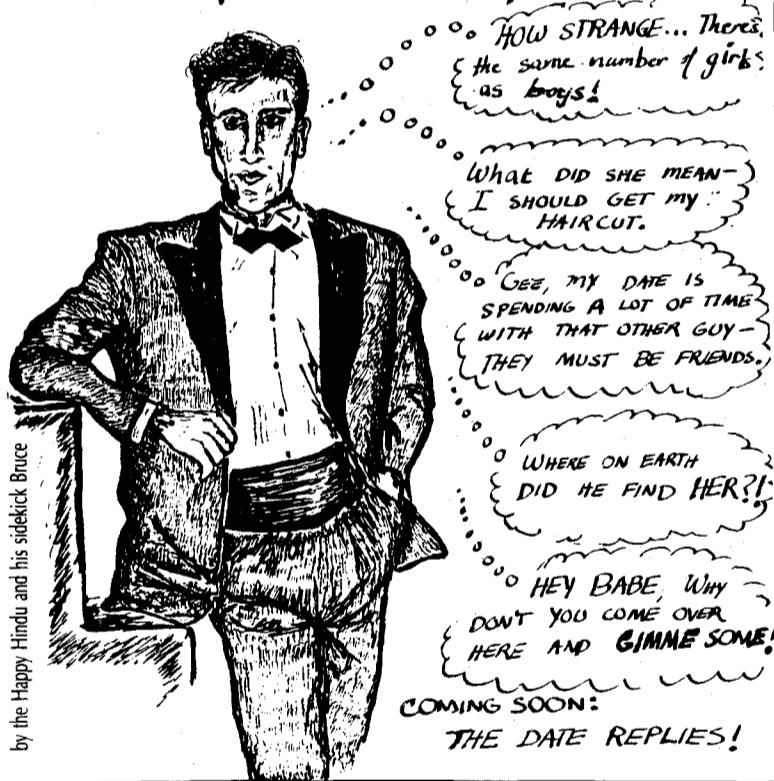
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ENTERTAINMENT

**Eckey Trump National Tour
Noon Concert Features Big-Time Act**

by Astrid Golomb

"If Peter Gabriel, Bruce Springsteen, and David Bowie collaborated the product would be very much like Eckey Thump." That is how they describe themselves. One does not get the idea that they are particularly modest; but then they have reason to think well of themselves.

On a recent nationwide tour the members of Eckey Thump accompanied the British Invasion duo Chad and Jeremy (of whom you've probably never heard) and music reviewers from coast to coast heaped praise on this band when they were performing as back up musicians! That is in fact how they came to be invited for today's noon concert. I heard them perform at the Universal Amphitheatre. The concert's other acts were mediocre, but these guys were wonderful. I found out who they were and talked Rosie into booking them. Here's

what the reviewers from Madison Square westward had to say:

"Chad and Jeremy's brief 20 minutes... featured some of the best sounds of '86, backed by a fresh young band of Los Angeles hipsters and infused with a genuine sense of humor and delight."
Times Union Albany, NY

Chad and Jeremy "had the most energy and the finest backing band of any of the performers."
Sunday World Herald Omaha, Nebraska

"Balladeers Chad and Jeremy were the best of the bunch... with a crack four-piece backup band."
Milwaukee Sentinel

"Chad and Jeremy infused their set with intelligence and craft... With a fresh, young band behind them. Chad Stuart and Jeremy Clyde presented themselves as

adults who could examine their past without having to recreate it."

Los Angeles Times

The band has appeared with Chad and Jeremy on a recent Joan Rivers Show and separately the band members have toured or recorded with Bob Dylan, Jackson Browne, The Bangles, Lindsay Buckingham, Chicago....

This is their first gig as an independent entity. They are planning a tour this year, but you'll be able to say you heard them first.

I have never heard them perform anything they've written themselves so I cannot speak for their abilities in this realm, but if it in anyway compares to their talent as performers and arrangers today's concert should be a lot of fun.

I heard they've written a song about the recent supernova called "A Star Has Died."

Here's hoping their star rises.

U2 Live Up To Expectations

by John Beck

*You know I believe it
But I still haven't found
What I'm looking for.*

-U2

Ironically, I have found what I'm looking for, (musically, at least) but I can hardly believe it. U2's new album "The Joshua Tree" is without a doubt their best yet, and their series of concerts promoting it were as moving as the album. They played five sold out nights at the LA Sports Arena on April 17, 18, 20, 21 and 22.

Through their music U2 presents us with some of the most pressing moral issues of our time to ponder, without pretending to preach any solutions to us, as is evidenced by the above lyrics. In fact, it is this very lack of pretentiousness which makes the band so appealing.

The album repeatedly evokes images both good and bad. "Bullet in the Blue Sky" brings to mind haunting scenes of military terror in Central America, yet it seems to flow naturally into the next song, "Running to Stand Still", which is

about heroin addiction. "In God's Country" evokes pictures of the wild beauty of the Southern California deserts. The two songs which I found the most moving, however, were "One Tree Hill", a song written to the memory of Greg Carroll, a good friend of the band who was killed in a motorcycle accident last year, and "Mothers of the Disappeared", whose content is as the title suggests. The album has been out for less than a month, yet it is already No. 1 on Billboard's chart; furthermore, I consider it to be one of the best ever produced by any band, past or present.

As good as the album is, however, there is no way to capture the essence of U2 live without seeing them. The whole crowd just comes alive; Bono could often not be heard over the voice of the crowd. Whereas most bands attempt to engage their audience in a feeble sing-along, U2 does not need to, as the audience is already singing as loud as they can without any encouragement. There was almost no need for Bono to lead us

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The Inside World

Blacker: A new week, a new inside world. Page sucks, Lloyd is Tofu, and Ricketts and Dabney are biohazards. Somebody said Fleming threw a party for the high school girls as a retort to Page's recent teeny bash. Fleming had only one stabbing, though. In a heated racial conflict, Frank pulled his switchblade on Dion because Jarita done slapped Laura upside-duthead. Brian and Ed, representing Europe, regained control as always in the traditional Sicilian manner with family-financed AK-47s.

On the domestic front: Mike's been upset lately. It's written all over her face. She fell off a motorcycle. Yeah, right. Easter Sunday Blacker House decorated the Ath lawn with a record number of beautiful sunbathing virgins. Yeah, right. The total female volume record, however, still rests in the hands of... nevermind. Somebody has had a bibi gun out lately and has been shooting all of the precious neighborhood cats. If you get up for morning lecture you can see one or two or even sometimes three furry sticky things smeared on the Breezeway bricks. Later, Steve's grandmother comes out and scrapes. We are all desperately praying that Sammy will be spared.

Hey, this wasn't meant to be offensive. We truly and sincerely believe the world is beautiful and full of white love and that all MEN are created equal and we should all live hand in hand with our braided hair and leather sandals and Lysergic... and the only reason the NBA is primarily black has to do with giving the underprivileged role models whom they can understand. Imagine a black kid idolizing Feynman—he'd turn into Cliff. And this is for all you chinks and kamikazes out there who think you'll be left out of this inside world: We hate you for breathing 20% of the world's breathed air and for destroying General Motors and for raising the curves and for making disgusting brown sauce out of what could otherwise form Tastee Twist stuff.

Bye until next weed. Until then please remember to turn off the lights and obey the speed limits lest you make Shubber richer. For heaven's sake, he's already got a talking car.

-Arec

Dabney: It was nine P.M., and Dr. Chen was working late, once again, in the DabniLabs Expressive Intelligence (DEI) Laboratory. But then, he didn't consider it work. He was talking to Mike, the computer.

"It's nine o'clock, Doctor. Your wife must be worried."

"Oh, that's right, Mike. Would you call her for me, please? And tell her I'll be home as soon as I lock up."

"You don't have to bother with locking up, Doctor. All the security systems, except for the night watchman, are under my control. I'll take care of everything."

"That's great, Mike. Thanks. See you tomorrow."

Mike, the product of over a thousand man-years of creative programming, residing, if such a word can be used, in a hard disk mounted on the DabniLabs wall. Over the past seventeen years, large sections of the hard disk had, at one time or another, been erased as they became obsolete or simply to make room for newer and (sometimes) better sections. The result was a constantly changing, self-aware consciousness that provided continuity to what was DEI.

The night watchman, M.I.T Nella, leaned back and sipped coffee. At least it was a job, he thought to himself. He'd said good night to Dr. Chen some time before, and looked forward to an uneventful night. He was just nodding off when a huge black limousine pulled up to the gate.

Nella came alert with a start. "Identification, please."

A dark figure seated in the back of the limo handed a plastic card through the window. "Barr M. Layback, CITcorp. People's Renovation Council," he murmured.

CITcorp! The semi-legendary parent corporation of DabniCorp, of which DabniLabs was but a tiny portion. Nella snapped to attention and opened the gate with alacrity. The limo drove on.

Barr M. Layback entered the central computing room and switched on the lights. Mike, of course, became instantly aware of his presence, as a Determinable Anomalous Virtual Entity (DAVE). He attempted speaking to it, unaware of any danger. After all, the Honor System, reportedly instituted by CITcorp itself, protected him from harm.

"Hello, DAVE."

Layback made no reply; he seated himself at the keyboard and typed: "FORMAT DABNEY:"

The computer screen responded: "WARNING -- THIS PROCESS WILL IRRETRIEVABLY DESTROY ALL DATA ON HARD DISK DABNEY.. ONLY PREVIOUSLY TAPED SECTIONS WILL BE RECOVERABLE."

Then below, in smaller type, "Are you sure you want to do this (Y/N)?"

Mike tried again. "What are you doing, DAVE?"

Layback, his finger poised over the Y key, spoke aloud. "The hard disk is the property of CITcorp. My company's right to have clean, unused space on the hard disk supersedes that of DabniLabs Expressive Intelligence to write there."

"I don't understand, DAVE. What do you need disk space for?"

"Oh, I just couldn't sleep nights knowing this hard disk has so many undisciplined files cluttering it."

"I'm afraid, DAVE."

"I'm sorry." He pressed the key.

"FORMATTING..."

More softly and slowly, "My mind is going. I can feel it."

"...FORMATTING... FORMAT COMPLETE."

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Format another (Y/N)?"

He typed N, followed by "SET DABNEY: TO READ-ONLY."

--Are you there, Dave?

--Al Petterson, Stan Chen, or Somebody Else!

Fleming: The Washing Contest is now just a memory for the upperclassmen and a continued on page 4

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Moon

from page 1

ments conducted on the moon's rocks indicate that the moon was very hot during its formation. In addition to analyzing how well different theories explained each of these characteristics, he also analyzed the physical plausibility of each theory by determining whether or not they violated fundamental laws of nature, the time scale over which each would occur, and how well they correlated with other known facts about the early solar system.

In the nineteenth century, George Darwin, son of Charles Darwin, developed a theory that the moon was spawned from the earth through fission. When the Earth first formed, its surface was so hot that it consisted of liquid rock. Darwin envisioned the earth as having had properties of fluids, and tried to show that as the earth rotated, it deformed into an oblong shape which broke into two pieces, the smaller of which (the moon) orbited the larger. If this smaller chunk had come from the Earth's crust, it would account for the levels of iron found in the moon; however, the process Darwin described is physically impossible, as it violates a fundamental law of nature, the law of conservation of momentum, so that this theory is implausible.

A large number of theories involve the Earth capturing a large body whose trajectory happened to bring it near the Earth. Though there is no one fundamental law that can be used to argue against all theories of this type, most such theories do, nonetheless, violate some sort of law. Furthermore,

such theories do not explain the chemical composition of the moon; it is highly unlikely that a body created in the early solar system by random chunks of matter coagulating into a larger mass would be as iron-deficient as the moon. Finally, any body that approached the Earth closely enough to be captured in such a manner would prob-

ably be ripped to shreds by the Earth's gravity, and only a very small portion of the material it originally contained would remain in orbit about the Earth.

Two types of theories involve creation of the moon from materials present in the vicinity of the Earth during the Earth's creation.

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Morgan

from page 1

largest participation, with over 200 undergraduates involved in some musical group. The Performance and Activity classes, some of which were formerly offerings of the Division of the Humanities and Social Sciences and others which were not united, also fall in this category. For example, Dr Morgan cited Dr Peter Fay as being instrumental in getting the institute to offer instruction in art this term, calling this "typical of what we can do when the forces come together." Finally, the Summer Undergraduate Research Fellowship Program comes under his auspices, though it is run mostly by the faculty directly.

Though many programs are administered by the Office of Student Affairs, Dr Morgan emphasized that many activities are run by the students themselves. Intramural athletic competitions are organized by the IHC and the GSC. The Caltech Y is also independent from his office. ASCIT provides many resources to the students, including a newspaper manned almost completely by undergraduates.

But while Dr Morgan applauds the self-sufficiency of the students, there seems to be a schism growing. Dr Chris Brennen, Master of Student Houses, noted that there

seems to be a growth of bureaucracy driven by external forces, causing more professionals to be hired and diluting the more "collegial" atmosphere we had at Caltech, in which the professors would be more involved. Perhaps we can go farther than Dr Brennen's statements. There seems to be a sense of faculty becoming less interested in the students except for on a research level. Certainly, some ideas have been kicked around, such as faculty rotation, but so far they seem to have not gone farther than the students. The change of title from Student Relations to Student Affairs seems to bear out an attitude of wanting to manage the students, not work with them or lead them. Even though he is vice president for student affairs, Dr Morgan constantly referred to the committees that work with his various offices as *faculty* committees, not *faculty-student* committees. Students serve on these committees with theoretically the same workloads and voting privileges as the faculty. However, there is at least one faculty member of a committee who expressed danger at letting the students have too much power. Does it not work the other way as well? Things can change "when the forces come together," but the question remains as to the magnitude of these forces and the proportion of them which must be non-students.

U2

from page 3

through "Pride (In the Name of Love)", and we kept up the refrain from "40" long after the band left the stage for the last time and the lights came on. And of course, nobody that heard "Bad" could walk away unmoved. The great crowd pleasers, "Gloria", "Sunday Bloody Sunday", and "New Year's Day" were of course all big hits as well.

I feel, however, that U2 was at their best at the beginning of Wednesday night's concert. The PA system was playing "Stand By Me", usually the last song before the lights go out and the band comes out. The crowd really got into the song, however, clapping and singing along and then doing the wave. We got so caught up in it all, in fact, that nobody noticed the band walk out on stage until Bono took the mike and started leading us through several refrains of "Stand By Me", with the lights still on and everything. As the song concluded, the lights went out and

the crowd went wild; without hesitation Bono started into "MLK", the very moving ballad in memory of Martin Luther King, Jr.

Bono's crowd control was the best I've ever seen; his voice was in good form, and the rest is history. These guys are the biggest thing since the Beatles. Before long

I think they may well surpass them; They already have in my book.

Bound for San Francisco next, U2 will wind up their tour of the US next month before taking off to Europe for the summer. Take heart if you missed this set of concerts, though; U2 should be back again in September. Be sure to be there.

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A LESSER GOD

More Inside World

from page 3

nightmare for the freshman class, who used their collective backbone to stand up and *whine!* In this week's "Who said it?" column, are some contest related quotes:

"Phone call for Googly in the lounge!"

"If we just walk in, they'll get their 69 points and leave us alone!"

"Luster, can you come out and help me with this computer?"

Chomp! Chomp! "I'm worth five points!" **Chomp! Chomp!**

AIDS Awareness Day was Monday and even with all the information that was dispersed, there were still some papers that for one reason or another didn't quite make it onto the final list for AIDS Awareness Day:

"Find a Penny, Pick It Up, But... Safe Ways to Pick Up Change from the Ground"

The Blind Optimists of Pasadena's entry: "Positive Aspects of the AIDS Epidemic"

"Create Your Own AIDS Forum: The Names, Addresses, and Phone Numbers of All People with AIDS in the L.A. Area"

Finally, the Klan's paper, "The History and Purpose of the AIDS Virus" also bit the dust.

Interhouse basketball capped off a very respectable 5-1 season by trouncing the Boys in Z and Brunn's final games! In the process, Fleming's lead in the Interhouse "competition" was increased (can you say insurmountable) to 72 points with tennis and football still to go.

"Okay, Social Event this weekend is a trip to the Ice House on Friday night!" It promises to be even funnier than watching the Boys and Moles who show up at our parties. For those of you so disposed (you know who you are!), fight your urge to glom all over the prefrash this weekend. That is, ask yourself, "If some guy with googly eyes cornered you while you were visiting Tech, would you still come here?"

—Wayne Manor

Lloyd: And now it's time for another week of fine programming brought to you by the FOX television network.

Ken Loves Doug

Setting: Doug is at home typing away at his terminal, when Ken walks in.

Ken: I'm home, honey.

Doug: You're home, aaaghhh. How was your day?

Ken: Fuckin' Gary! Tight assed son-of-a bitch!

Doug: You're just mad 'cause you didn't get laid!

Ken: Uh, let's go play some pool.

Doug: Oh I guess I have to.

[at the pool table]

Doug: You made another one. You're the God of pool, Aaaahh.

Ken: I think it's safe to say that I'm a better pool player, but that's only because I played pool in the real world.

Doug: Nice hair, aaahhhhh.

Commercial Break

If you can imagine a world where this big, fat food service director would say, "The food's not so hot, my friends, but it's cheap, and I make a lot of dough," then you can imagine a world without Coors Extra Gold.

If you can imagine a world where this red-shirted athlete would say, "Gee, you guys played a good game. You deserved to win. Nice reffing job, too!" then you can imagine a world without Coors Extra Gold.

[jingle]

"This ain't no pussy-wimp, gay-faggot, whale-savin' beer!"

This is Coors Extra Gold, the beer with the taste you can smell."

So if you can imagine a world where these two female oriental roommates with two hamsters and a guinea pig would say, "We're lonely. We wish a bunch of cretins would stop by our room more often and kank up a storm," then you can imagine a world without Coors Extra Gold.

It's Bassoon Day, Charlie Brown!

Lucy: I'll hold the bassoon, Charlie Brown, and you come running up and blow it.

Charlie: You always pull it away! I'm not that dumb.

Lucy: I wouldn't pull it away on Bassoon Day, Charlie Brown, It's a sacred holiday.

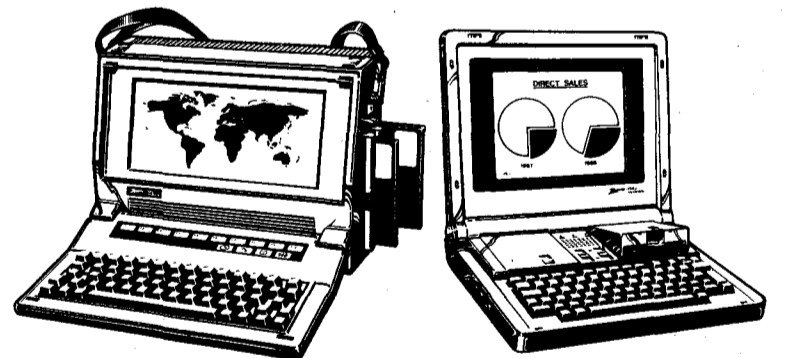
[the obvious happens]

Linus: What in God's name are you doing, Charlie Brown?

Charlie: I can't believe I fell for it again. I try to blow the bassoon, and I end up blowing Linus.

continued on page 6

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SPORTS

SCIAC Tournament

by **Tung Yin**

Last Saturday, the Caltech men's tennis team played Point Loma at home. The team played very well—Coach Jackson applauded their efforts—but they were unfortunately unable to defeat the Point Loma team.

Still, they lost only barely, four matches to five. With more practice and a bit of luck and experience the team will hopefully be able to turn the many 4-5 losses this year into 5-4 or better wins next year.

On Tuesday, the men's team played Cal State San Bernadino at home in a non-league match. Here, Caltech was overmatched, and with the exception of Gene Pottenger (#6) all of the players lost. Gene, however pulled off a smashing win

of 6-0, 6-3 to save the team from a 0-9 loss.

The last match of the season will be against La Verne, away. The last time Caltech played La Verne was last term at home, and the team swept all nine matches.

Next week is the SCIAC tournament which will be held at Caltech for the first time in a long time (possibly the first time ever). Two of the top ten Division Three teams in the country, Redlands and Claremont, will be competing in the SCIAC tournament.

The competition has three levels, denoted A, B, and C, with the top two players of each team playing in level A, the next two in B, and the next in C. Each level is a single-elimination tournament with half of the competitors being

eliminated each round.

Playing for Caltech are: Level A—Mark Holdsworth and Raleigh Chiu; Level B—Steve Roskowski and Tom Nolan; Level C—David Garza and either Mark Berman or Gene Pottenger. Caltech's doubles teams are: Level A—Chiu/Holdsworth; Level B—Garza/Roskowski; Level C—Khanh Nguyen/Tom Nolan.

The Tournament will run from 1PM to 6PM, Friday May first, and from 9AM to 3PM, Saturday May second.



No, it's not the Caltech track team working out— it's a bunch of alumni, students, and RA's running hard in the triathlon event of last year's Sports Day and having a grand time of it.

Sports Day Data

by **Jack Strap**

May 3, 1987 is Sports Day. But don't be turned off by the title. Sports Day is especially designed for you, the non-athlete. *Informal* and *non-competitive* are the key words here. Just come to the athletic field, the gym, the pool, or the tennis courts between noon and 5PM and you will be urged to participate. Play as little or as much as you want of anything you want.

Now that you're convinced to come to the athletic center for Sports Day, you can take a look at the schedule of events and see just what you want to play.

FIELD EVENTS:

Soccer, Noon-2:30, North field
Softball, 2:00-5:00, North field
Challenge softball, 2:30, north
Ultimate frisbee, 2:30-5:00, north
Triathlon, 1:00, South field (cycling, swimming and running)
Tug-of-war (team), 3:30, north
Polyathlon, 3:00, north (pie eating, chug-a-lug, swimming)

GYM EVENTS

Volleyball, Noon-2:30, gym
Basketball, 2:30-5:00, gym

MISCELLANEOUS

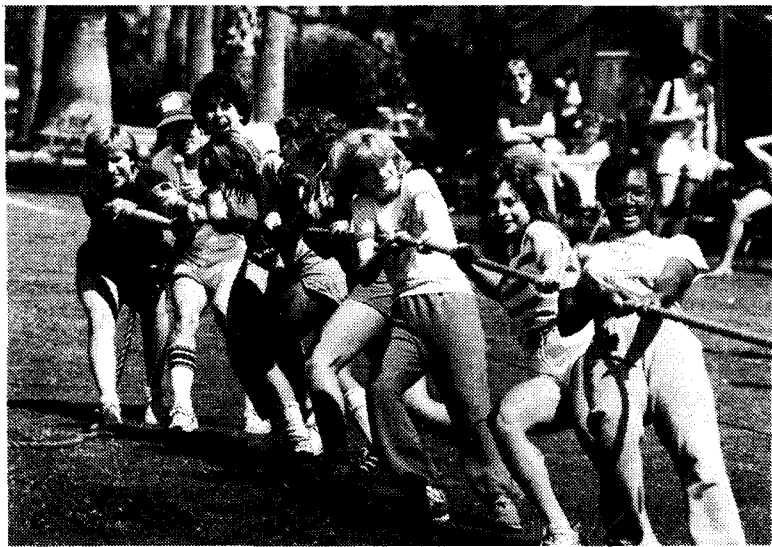
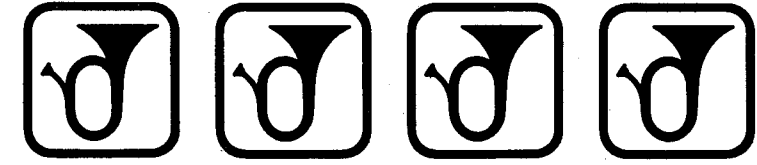
Water Polo, 1:00-3:00, Pools
Tennis, 2:00-5:00, Tennis courts

Again, *informal* and *non-competitive* are the key words here. Feel free to come and go to any sport at any time during the scheduled period, just come in the first place.

EROTIC ERRATUM—
THE SPORTS EDITOR APOLOGIZES FOR OMITTING PHOTO CREDITS ON THE TENNIS PICTURES WHICH RAN LAST WEEK. THOSE GREAT SHOTS WERE TAKEN BY ROBERT PAZ.

WEEKLY SPORTS CALENDAR

Day	Date	Time	Sport	Opponent	Location
Fri.	4-24	4:00PM	Track	Pomona Invitational	Pomona-Pitzer
Sat.	4-25	11:00AM	Tennis (W)	La Verne	La Verne
Sat.	4-25	12 NOON	Baseball	La Verne	Caltech (2)
Sat.	4-25	2:00PM	Tennis (M)	La Verne	La Verne
Mon.	4-27	All Day	Golf	SCIAC Tournament	Claremont-Mudd
Tue.	4-28	3:00PM	Baseball	La Verne	La Verne
Thu.	4-30	2:00PM	Track	SCIAC Championship	Pomona
Fri.	5-1	1:00PM	Tennis (M)	SCIAC Tournament	Caltech
Fri.	5-1	TBA	Tennis (W)	SCIAC Tournament	Whittier
Sat.	5-2	9:00AM	Tennis (M)	SCIAC Tournament	Caltech
Sat.	5-2	TBA	Tennis (W)	SCIAC Tournament	Whittier
Sat.	5-2	12 NOON	Baseball	Pac. Coast Baptist Bible College	P.C.B.B.C. (2)
Sat.	5-2	2:00PM	Track	SCIAC Championship	Pomona



You too can enjoy the excitement and adventure of Sports Day and do fun things like have a Tug-O-War with professors and deans. For an anchorman, you'll have a *real* TeeVee anchorman, talking a blue streak into a microphone as he pulls with one hand on the rope.

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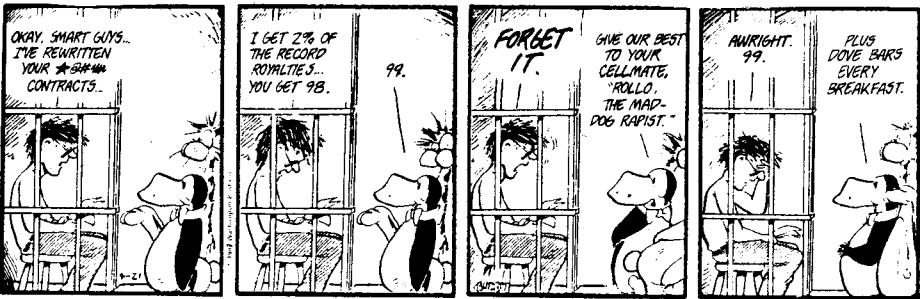
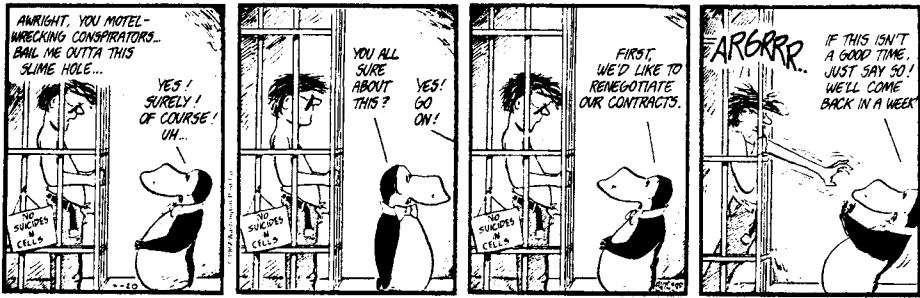
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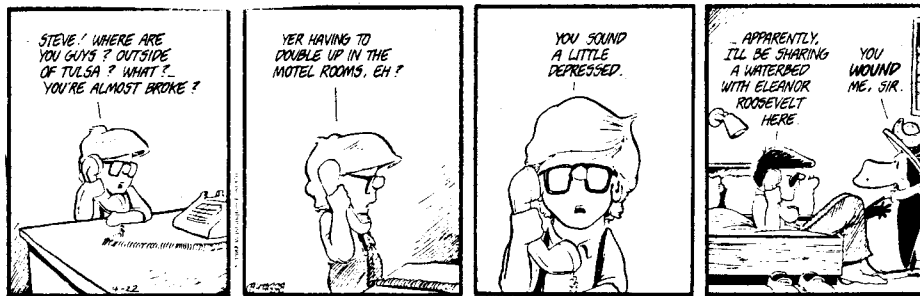
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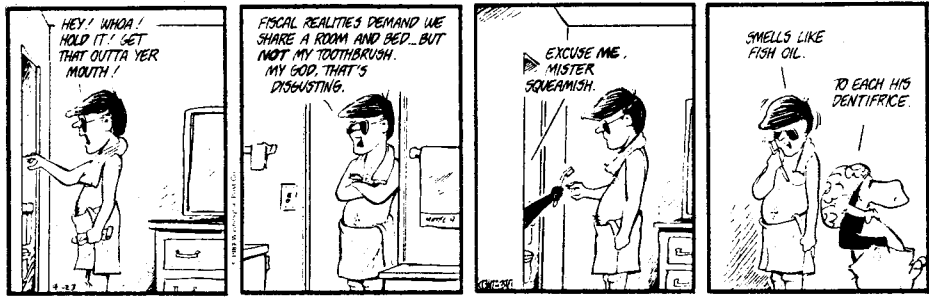
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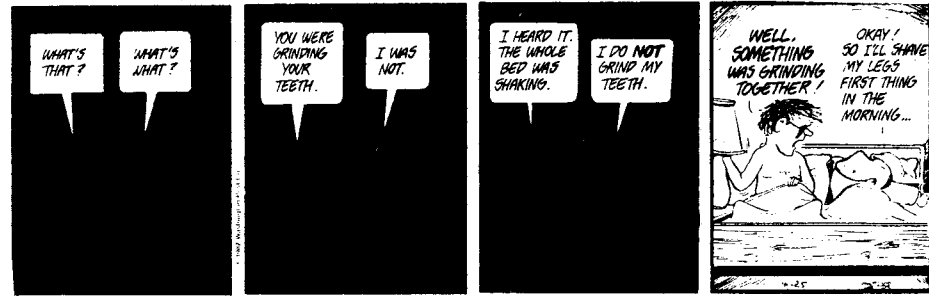
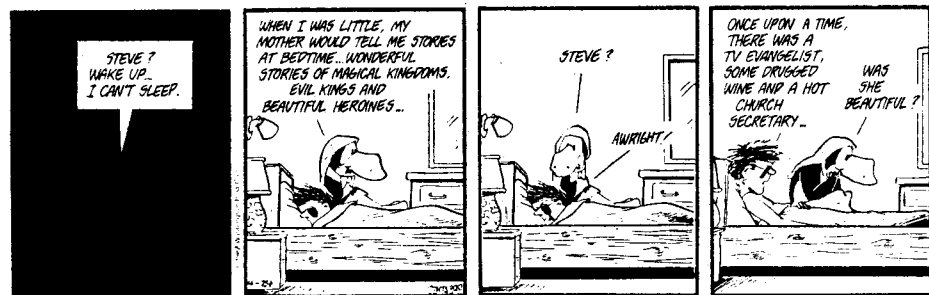
BLOOM



BY
BERKE
BREATHED



GO COUNTY



More Inside World

from page 4

[Some jazz piano shit]
Linus: I sit in the most sincere orchestra pit every year, waiting for Spudkank to come and deliver moist reeds to the entire woodwind section...
Charlie: I'm so miserable, and my mom just died.
Doug: You're just mad 'cause you didn't get laid, aahhhh.
Charlie: Oh well. Happy Bassoon Day.

-Skeeter, Jethro, and Enos

Page: G'day all. This week we're having a fair dinkum* Australian inside world. We whipped some South House butt in Discolobus but due to some homosexual advances made by the fags from Fleming on the ball court (she did know didn't she, Damage?) we decided to let the boys in red beat themselves off (??) while we went home. Blacker challenged in badminton, ultimate and volleyball. We shall accept and kill in that contact sport of real boys - badminton. Remember - as you see those funny little people walking around in a dazed stupor, be friendly, and don't laugh at them; that's what you were like once. Special message goes out to John Beck and Fish. Try not to scare off too many women. Brown paper bags and gags can be picked up in my room. Sympathy must, of course, go to Larry, Flint who is understandably confused by the sudden increase in little oriental girls in Lower Arlington. We tried to tell you there were more fish in the sea, Larry, but you just wouldn't listen. For the sake of clarification, Junko is the shortest. Today is your last chance to go to the formal, people. Anyone who doesn't get a date is a fag. Member of the opposite sex required. Last but not least again is the gag rule. It seems that due to my overzealous big friendly neighborhood IHC, Goodonya Bibi. It seems that due to my overzealous big mouth last week that I owe you sexual favors, Bibi! Anytime is fine by me. Don't forget to be at the IHC meeting next week for the sequel to the sequel as Sam Weaver wets his pants; Brian Catanzaro shits a brick; and unfold acts of indescribably horrible violence befall anyone who changes their vote again, and again, and again.

Ricketts: R.A.'s STRANGLE HOVSE TREASVRER!!!

Well, the first Ricketts survey was a resounding success. Well, okay, not quite a success. Apparently, Ricketts Hovse doesn't care if God has a navel. Either that, or no one reads my stab at immortality. (Thanks, Brian.) At least no one said I was lame. The Gag Rvle is on [We thank the Ricketts Inside World writer for submitting his copy on time. -Ed.], and that means me, folks. So I won't tell anyone about the Ricketts Hovse moon shot next week. Everyone meet at Kennedy, and bring yovr Tang. Don't forget yovr spare O-rings. Remember, Cheerios are too small. This is The Weekend Before Midterms, but the Gag Rvle is on. On too... Other navghty bits: Lisa and Richard had a good time at the Pleasvre Chest. Jerry was svposed to be all alone in Santa Monica, but he does have some interesting tan lines. The Shroom and Plv romance was short-lived. Samer's escapades into the wilds of L.A. have not gone well, but we won't tell anyone about it. Samer. Bvddy and Melissa foolishly accepted the Amazonian Man-Eating Slime Plant with no reservations. The plan has reached Stage 2. Jeff and Nicole were seen leaving Ricketts at 3AM. I won't specvlate on that, but pictvres would be interesting. Jed wants to go to the ASCIT Formal and thinks Lisa L. would be interesting. That's his birthday, too, Lisa. Ovr favorite ex-Pres is here for a visit. Will she be back for the Formal with Rvssell, a certain yovng man from the fast life of Tvcon? Bvt Rvssell has competition. Jerry's been looking for a kiss since Apache. Bvt what do yov expect? He's from the Sovth. I mvst once again express my thanks to Brian for his help with this colvumn. If some of yov are vpsed over something in this Inside World, that part was Brian's idea. My official campaign to Marry Ally Sheedy begins this week. Wish me lvck. -The Lil' Cook-Man

Ruddock: Crap! Next week is midterms week! Where did all that time go? Time to get those nice yellow drop cards for CS53, since none of you out there have started on your projects. In fact, maybe it's time to drop even more, since the weather's been so nice lately. It's so tempting to go out, unfold a lawn chair, and idle the days away basking in sunshine... Hopefully the fine weather we've been enjoying will continue until Saturday - when the Ruddock Air Band Contest takes place. Personally, I'm looking forward more to the Sam Kinnison Sound-Alike Contest which will follow. Speaking of bands, it seems like half the house split Monday to see U2 in concert. The consensus is that it was an excellent concert - Bob Dylan even showed up. The problem is that the rest of us are getting sick to death of U2's music being: played day-in day-out, sung in the shower, tapped out on tables with spoon, pumped on the radio stations, written up on the whiteboards, etc. that we are ready to start playing our old Village People or Kiss albums - anything - to stop having to hear U2. Meanwhile, Lame Seniors, when is the Drink Off? All of us are looking forward

continued on page 7

Moon

from page 4

The Earth and moon could have been created together as a binary planet; though the physical plausibility of this theory remains uncertain, the theory can nonetheless be debunked on the grounds that it fails to explain the chemical composition of the moon, for if the Earth and moon were created together from the same set of materials, their chemical compositions should be roughly the same. The moon also could have been created from a "Circumterrestrial Accretion Disk," a large disk of solid material which failed to coagulate with the material that formed the Earth, remained in orbit around the Earth, and eventually formed itself into another large body, the moon. This theory would not be likely to account for either the moon's high temperature during its creation or the amount of material in the moon, though it would not prevent such characteristics from having developed. Computer simulations

show that this actually may be a workable theory, and that the process would take about 100 years. The theory Dr. Stevenson finds most likely to be correct involves a large body created in the early solar system colliding with the Earth. The severity of the impact would knock off large quantities of matter from the Earth, and computer simulations show that this matter would primarily come from the outer regions of the Earth where the iron content is much lower than the core. A large quantity of heat would also be generated by the impact, thus accounting for the high temperature of the moon during its creation. The entire process would take only one day! Theories similar to this would support various phenomena observed in other portions of the solar system. Mercury has an iron-rich crust, but it is believed that it originally had a rocky crust; a collision with a large body could have hurled this rocky crust off into space, exposing an iron-rich interior which now constitutes Mercury's crust. The axis of rotation of Uranus is tilted a very large

amount; a collision with a very large body could not only account for this, but also for the creation of its moons. Dr. Stevenson received his undergraduate education in his home country, New Zealand, and received his Ph.D. in theoretical physics at Cornell. He has been at Caltech since 1980.

Ditch Day

from page 2 into any unforeseen difficulties or to resolve judgment calls. There are some rules which the underclassmen should follow as well. Primarily this involves using your best judgment in trying to follow the "spirit" of Ditch Day. Also, if you should stumble across something from a stack which you are not working on, you can make a note of it or inform the people working on the stack, but in general you should not disturb it. So remember, have fun tomorrow!



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Armenia

from page 2

30,000 innocent Armenians. This, however, did not satisfy the blood-thirsty hunger of the Young Turks.

They adopted the doctrine of "pan-Turanism" which preached an all Turkish state. They hoped that one day, this new empire would stretch well east of the Caspian Sea and reunite the Turks with their Mongolian ancestors.

The first obstacle in establishing this Turkish world was the Christian Armenians, who were located directly in the path of this conquest. The best opportunity to eliminate permanently the Armenians presented itself when World War I began. The Young Turks understood that under the cover of the World War, the Genocide of the Armenians could be carried out

without outside interference.

On April 24, 1915, the Young Turks began the systematic murder of 1.5 million innocent Armenian men, women, and children by marching them into the Syrian deserts and slaughtering them.

These innumerable and inhuman atrocities caused the Armenians to band together and establish a short-lived independent Armenia in 1918. This independence was dissolved in 1920 when these last independent Armenian lands were divided between Turkey and the Bolshevik Russians, who established the present state of Soviet Armenia within its borders.

Day of Remembrance

Today, Armenians are dispersed in many parts of the world including Soviet Armenia, Leba-

non, France, Rumania, Greece, Canada, the United States, and most recently, Australia. They have formed Armenian communities in these new lands where they preserve their language, religion, and culture. Every April 24th, these communities honor the Armenian Martyrs of 1915 with programs, demonstrations, and church services. In the United States, a group known as the Armenian National Committee is lobbying in Washington to pass a bill which states that the United States recognizes the Genocide of the Armenians and declares April 24th as a Day of Remembrance.

History can be distorted in numerous ways. The purpose of this article is to clarify the events which led to the present situation of the Armenian people. These are the facts. It is very important for

More Inside World

from page 6

to hearing some of Ed C.'s stories! Whenever it is, Milton won't be taking part. He recently underwent a conversion to fundamentalist Christianity—he spends all of his time trying to convert us, playing gospel tunes on his acoustic guitar, admonishing us to think clean thoughts... I would never have thought it would happen to Milton, but it did.

Basketball against Lloyd Friday. Be there or be square. Speaking of athletic stuff, orders are now being taken for Ruddock shirts. The only problem is, everything's solid colors. Nothing is available in pastels, suprisingly.

Mark your calendars for May 8th! It's the event of the season! Something no one should miss! An evening sure to be unforgettable! What is it? Billy Idol's only L.A. appearance! Too bad it sold out before we could get tickets and we have to go May 6 to his show in San Diego.

—Bets the Frosh

people to be aware of historical truths so they can understand when history is being distorted, why, and how it is being done. To a certain extent, Armenian history has been distorted in that very few people really know the facts. Now that the

facts are somewhat more clear, it is easier to understand the existence and behavior of Armenian communities (such as the very large Armenian community of the Los Angeles area) especially on days such as April 24.

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CALTECH
public events

LANDIS & COMPANY THEATRE OF MAGIC APPEAR IN BECKMAN AUDITORIUM

Landis and Company Theatre of Magic is coming to Beckman Auditorium Saturday, April 25 at 8 p.m. The classical tradition of vaudeville is combined with the most modern magic of today's stage. And you won't forget the dazzling illusion using lasers!

CIT student tickets for this performance are priced at \$8.75-7.50-6.25; rush tickets go on sale the day of the event for \$6.00. CIT faculty and staff may purchase TECHTIX for the same price as CIT student tickets on Friday, April 24 between noon and 4:30 p.m. at the Caltech Ticket Office.

Chamber music ensembles from around the country compete for prizes in the 41st annual **Coleman Chamber Ensemble Competition**. The winners will perform Sunday, April 26 at 3:30 p.m. in Ramo Auditorium.

Student tickets to the concert are priced at \$3.00. General Admission is \$6.00.

The lush, colorful countryside and cloud-capped peaks of "Tahiti" will be featured in an Armchair Adventures travel film Friday, May 1 in Beckman Auditorium. Chris Borden personally narrates his film beginning at 8 p.m. Highlights include the picturesque waterfront city of Papeete; white sand beaches; clear, multi-colored lagoons; and Captain Cook's monument at Point Venus.

CIT student tickets are priced at \$6.00. Regular admission tickets are \$7.50-6.00.

Sunday, May 3 brings the **Meliora Quartet** to Beckman Auditorium and the Coleman Chamber Music Series. Beginning at 3:30 p.m. this ensemble will perform Mozart's Quartet No. 17 in B-flat Major, K. 458 ("The Hunt"); Webern's Five Pieces, Op. 5; and Schubert's quartet No. 14 in D minor, D. 810 ("Death and the Maiden").

Fifty free tickets and 50 tickets at \$6.00 each will be available for this concert to CIT students beginning Tuesday, April 28 at 10 a.m. at the Caltech Ticket Office. There is a limit if one free ticket and one at \$6.00 per CIT student I.D. Tickets are regularly priced at \$15.00-13.50-12.00-10.00.

Tickets to all Caltech Public Events can be purchased at the Caltech Ticket Office, located just north of the Beckman Auditorium parking lot. For further information about the exciting Public Events scheduled this season, call campus ext. 4652.

WHAT GOES ON

Announcements for *What Goes On* must be submitted on an announcement form (available outside 107 Winnett) or on a plain piece of paper. Please indicate the date(s) you want the announcement to run. Send announcements to 107-51, or put them in the mail slot in the door of 107 Winnett. Announcements must be received by the Tuesday prior to publication.

Help Memorial Day

Please contact Nancy Drehwing (x3691) if you are interested in helping with a Memorial Day Picnic at the athletic field on May 25. (when else?) Duties to be assigned include organization and officiation of soccer, softball, inner tube water polo, and clean-up.

Free Athenaeum Meal

ASCIT needs volunteers to address invitations to the spring formal and to man the registration booth the evening of May 8. Possible payment for calligraphy work and free dinner for booth attendants. Call x3691 or send a note to Nancy Drehwing, 1-60, if interested.

GSC Annual Meeting

In accordance with the GSC By-Laws, the GSC Annual Meeting will take place at noon on the first Thursday in May, which is May 7th. The meeting will be held on the second floor of Winnett, in Clubroom 1. All Caltech graduate students, as members of the GSC, are invited to this meeting to voice any questions or concerns they may have.

CLASSIFIED

HELP WANTED—

DONORS NEEDED for off-campus sperm bank. Earn up to \$105/wk. For info. call (213) 553-3270.

EXCELLENT INCOME for part time home assembly work. For info. call 504-641-8003 Ext. 8738.

SUMMER OBSERVERS—There are still two or three positions open for summer employment at Big Bear Solar Observatory. Jobs involve solar telescope operation, film developing, electronics work, computer programming, etc. Free housing at Big Bear is provided, and cooking facilities are available. There are recreational facilities (boats, etc.) also. Some astronomy, physics, computer science, or electronics useful. Applications available in 264 West Bridge, or can be obtained by calling x4011.

MOTHER'S HELPER POSITION AVAILABLE Room and board plus salary in exchange for weekend help. Babysit two kids, help around the house. Must be able to travel two weekends/month with family. Must be available to travel first week of July and last two weeks in August. Babysit for one evening per week. For more information call: Bonnie Saland (213) 254-7267

HOUSING WANTED—

ACADEMIC COUPLE with two children, 10 and 14, seek a 3 (or more) bedroom furnished home to rent for the 1987-88 academic year; preferably in South Pasadena, Arcadia, La Canada, Flintridge, or San Marino. Please telephone Kip Thorne or Pat Lyon 356-4598, or write them at 130-33 Caltech.

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Be A Part Of The Fun

KELROF's coming once again! KELROF is a race with 10-person teams which compete by running consecutive miles for 24 hours. This year's KELROF will be from 9:00 am May 16th to 9:00 am May 17th. Get together with your 9 favorite runners (or people) and give a list of your team to James Shih (1-60, 578-9370). All members of the Caltech community are encouraged to participate. It's real, it's fun, it's exciting!

Security Meeting

The GSC has scheduled a public meeting to discuss the adequacy of security at Caltech. The meeting will be held in 153 Noyes at 7:30 pm on Tuesday, May 19th. Representatives from the Security Office, Business Services, and the Caltech administration will be present.

Members of the Caltech community who have concerns about security on campus are strongly urged to attend this meeting. You may also make your concerns known by sending your written comments and recommendations to the GSC Committee on Security, 218-51. Contact Craig Steele (256-80, x4840), the committee chairman, for further information.

1987 Camp UCC's

The Deans are interested in hearing from you if you would like to attend Freshman Camp as a U.C.C. and have not already been chosen. Submit a brief written description of your unique qualifications (campus activities and why you want to go) to the Deans' Office (102 Parsons-Gates) by Monday, April 27th. We hope, with your help, to add to the diversity of the Camp experience for freshmen.

Graduate Housing Applications

Graduate housing applications have been mailed out to all current residents of the On-Campus Graduate Houses and Catalina Graduate Apartment Complex I and II for housing for 1987-88. Applications must be returned to the Housing Office (1-56) by May 1, 1987. Depending upon the demand for housing of first year Graduate Students, all other housing applications will be handled on a lottery basis. Any applications received after the May 1 deadline will then be housed on a space available basis. Additional applications may be obtained from the Housing Office.

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Summer Housing Waiting Lists

The waiting lists for summer housing will be available at 8:00 am on Monday, April 27th. The current waiting lists will no longer be valid after April 27th.

GSC Softball

It's time to start organizing for summer softball! Whether you are an awesome player or barely coordinated, there is a place for you in GSC Softball. So start recruiting, and get together a team!

There will be an organizational meeting at 6 pm on Thursday, May 7th, in the basement of the Athenaeum. Each team must send one representative. Individuals seeking a team to join should also show up at this meeting. Contact Patti Pratt, GSC Sports Commissioner (x6718, 202-6), for further information.

Caltech Hawaii Club

Aloha. The first meeting of the Caltech Hawaii Club will be this Saturday, April 25, at 4:00 pm in the Ruddock dining room. Onolicious refreshments going to be served. No scared, brah, go join! If you like be member, but no can go to da meeting, go call Prez Biff Yamazaki or John Kubodera at 578-9079. Mahalo nui loa.

S.P.E.C.T.R.E. of David Brin

Dr. David Brin, award-winning science fiction author, will speak at 8 pm next Tuesday, 28 April, in 22 Gates, on "Why We're All Such Good Liars." Dr. Brin, a former Caltech student, is the author of several books, including the Hugo and Nebula award-winning novel *Startide Rising*, and most recently, with Dr. Gregory Benford, *Heart of the Comet*. This talk is sponsored by S.P.E.C.T.R.E., the Caltech Science Fiction Society; we'll have a short meeting just before the talk at 7 pm in the Y Lounge. For more info, call Mark Looper at 304-0006.

Bridge Winners

Congratulations to Kevin Mayville, Christian Bower, Darin Takemoto and Chris Hassler who won the Bridge Tournament recently. For those who missed out on the game, you can still play every Monday night at 7:00 pm in the Red Door Cafe. Call Jeffrey (x4544, 793-0814) for more details.

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Plant Those Cookies!

Home baked cookies available at the annual Caltech Service League Plant and Bake Sale, today, April 24 from 8:00 am to 1:00 pm on Winnett Patio. All proceeds go toward projects to benefit Caltech students.

Student Space Group Meeting

On Tuesday, May 5 at 7:30 pm, Caltech SEDS will be showing Apollo 17 and Shuttle 61-B movies in the Y Lounge. We will discuss our upcoming star party and possible tour of JPL. All members of the Caltech community are welcome to attend.

Stravinsky's Oedipus Rex

Tonight at 8 pm in Dabney Hall Lounge, the combined Glee Clubs of Caltech and U.C. Santa Barbara will perform Stravinsky's epic opera-oratio *Oedipus Rex*. Admission will be free.

The piece, considered one of Stravinsky's masterworks, will be performed by over 80 voices under the direction of Professor Carl Zytowski, and with theatrical lighting (and reduced orchestration—there are some limits to the size of Dabney Hall).

The main presentation will be preceded by a performance by UCSB's renowned "Schubertians," a male chamber ensemble who perform 19th century and contemporary selections.

Do You Want Money?

Positions are available for work study (\$5/hour) or volunteers at the Red Door Café. Inquire or leave message at the Red Door (x6158) or x6692.

Hep Rep To Rap

Congressman George E. Brown, Jr. (D-CA, 36th District), representative from the Riverside-San Bernardino-Ontario area, will speak at Caltech on Monday, May 4th at 8:00 pm in 153 Noyes Hall. Mr. Brown is the ranking Democrat on both the House Science, Space and Technology Committee and the Subcommittee on Space Science and Applications, as well as serving on five other bodies related to science and research.

With a degree in physics from UCLA, Mr. Brown is one of the few members of the House with a science background. He has been a leader of the opposition to anti-satellite systems, and is a strong advocate of restraint in the area of strategic defense.

Congressman Brown will address the militarization of federally funded research and development; especially, its increased emphasis on development. His talk is presented by the Space Weapons Study Group, with funding provided by the President's Distinguished Speakers Fund of the Caltech Y. For information call David Levy, x4039.

Rag Time

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Ben Rosen Day

Ben Rosen (BS/EE '54) has been invited to spend Tuesday, April 28th with Caltech students. He is a partner in Sevin Rosen Management Co.—a venture capital firm that specializes in computer, electronics, telecommunications, and other technology start-up companies. Rosen was a founding director of Lotus and is Chairman of the Board of COMPAQ Computer Corporation.

Rosen's visit, sponsored by AMETEK's Noland Leadership Fund, will include a talk at a special lunch in Lloyd House courtyard, a reception from 5 to 6 pm in the Fleming-Ricketts courtyard, and dinner in Fleming. The lunch and reception are free and open to all students. Stop by the MOSH or Deans' Office to sign-up for either or both.

Faculty/Student Signup

Signups for positions on faculty/student committees will go up on the door of the Master's Office today, Friday, April 24. These signups will come down at 5:00pm on Monday, May 4. The committees for which the IHC will be interviewing are: Academic Policies, Athletes and PE, Convocations, Curriculum, Foreign Students and Scholars, Frosh Admissions, Grievance, Health, Institute Programs, Library, Relations with Secondary Schools, Scholarships and Financial Aid, Student Housing, UASH, Upperclass Admissions, and Chairman of the Food Service Committee. Details about these positions and their responsibilities can be found in the *little t*. Questions should be directed to Sam Weaver, IHC Chairman, or one of the Masters of Student Houses. A schedule of interviews will be posted or you will be contacted personally about the time of your interview.

\$\$\$ For Fun, Fantasy

Can you describe a \$300 program for your personal enrichment—social or cultural? 500 words (neatly written) may bring you this very sum from the Don Shepard essay award. Three prizes will be given. Please bring your fun-filled essays to the Master's Office before May 15, 1987.

Caltech Merit Awards

Each year the Scholarships and Financial Aid Committee awards a number of Merit Awards to the most academically talented of the Institute's freshmen, sophomores and juniors. Merit Awards are based on outstanding scholastic achievement as demonstrated by exceptional performance in formal classes and/or in independent research, and not on financial need. Last year the Committee recommended 36 Merit Awards at \$8,000 or \$10,000 each. This year the Awards will range from \$8,500 to \$11,000 each.

Applications are available in the Financial Aid Office at 515 S. Wilson. The deadline for submitting completed applications to the Financial Aid Office is May 15, 1987.

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