The California Tech

Caltech Amateur Radio Club Sweeps National Championship

BY YUN LUNG SHIH

Caltech beats Big 10, Big 12, Big East, Big West, SCIAC, and others!

Caltech doesn't get to win very often again other schools in a sporting competition of national scope, but this November Caltech took the number 1 spot in a nationwide college competition, the Fourth Annual Collegiate Championship of college amateur radio clubs.

The Collegiate Championship is comprised of two lesser competitions taking place in the 1st and 3rd weekends of November. Scores are awarded based on the total number of amateur radio contacts completed times the total number of officially recognized regions, called "sections" in amateur radio parlance, contacted. The Caltech Amateur Radio Club (CITARC), which holds the callsign WU6E, achieved 990 contacts, or QSO's, in the first competition, using a digital communications mode called CW (also known as Morse code), with a clean sweep of all possible sections. CITARC followed that up with an astonishing 1687 QSO's and another clean sweep of all sections in the second competition, which was based on phone (also known as voice) modes. CITARC not only won the overall competition, but it won each individual competition by commanding scores as well. The normalized point scores show the huge margin by which CITARC took first place.

Caltech Benefactor and Trustee R. Stanton Avery: 1907-1997

BY PUBLIC RELATIONS

R. Stanton "Starr" Avery, maverick inventor and Tongue Caltech trustee and benefactor, died early Friday, December 12, at Huntington Hospital in Pasadena. He was 90.

A long household name because of the Avery labels he created and marketed, Avery had a strong association for many years with the Institute. He became a member of the Board of Trustees in 1971, and served as chair between 1974 and 1985. At the time of his death he was a Life Trustee and trustee chair emeritus.

"The whole Caltech community is deeply saddened by the passing of Starr Avery," said Dr. Gordon E. Moore, chair of the Caltech Board of Trustees and chairman-emeritus and co-founder of the Intel Corporation. "He was a great supporter of the Institute, and he will be fondly remembered by the trustees, the faculty, and the students and staff." Avery's most recent major gift to Caltech was Avery House, an 80,000-square-foot dormitory on the northeast end of campus that was completed in September 1996. True to his entrepreneurial spirit, he provided the resources to make Avery House one of the most innovative dormitories in America-to wit, a dorm with an entrepreneurial focus that would both celebrate and support the spirit of innovation and invention. The dorm has space for graduate and undergraduate students, as well as faculty families and visiting entrepreneurs and other special guests.

In October, Avery participated in an Avery House event for inner-city teenagers. The event, "Tomorrow's Entrepreneurs Today," drew a number of 13- to 17-year-olds with an interest in entrepreneurship who heard the 90-year-old Avery tell the story of his career.

An Oklahoma native, Avery came to Southern California after high school and earned his bachelor's degree from Pomona College. He initially thought about entering the import-export business after spending an entire college year in China, but the griss business climate of the Depression

Chris Brennen new Vice President of Student Affairs

Fame, fortune, and $1000 in prize money will be up for grabs at the final round of the Doris S. Perpall SURF speaking competition Tuesday, January 13. The competition, which takes place between 3:00 and 4:45 p.m., will be held in the Beckman Institute Auditorium. The Doris S. Perpall SURF Speaking Awards were created by Bob Perpall, a Caltech alumnus and member of the SURF Board, in memory of his late wife. The awards are meant to be an incentive for students to prepare excellent oral presentations for SURF Seminar Day. The competition has grown to a three-round event. First prize is $500; second, $300; third, $200. We hope you can attend some (or all!) of the presentations and support the hard work of your friends and fellow students.

The schedule of the day's events can be found in the SURF ad on the bottom of page four.

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CITARC is one of the country’s best college amateur radio clubs. W6UE was first licensed as 6UE in 1923. But there has been a Caltech Amateur Radio Club on campus since 1918. Along with the educational and recreational aspects of amateur radio, there is also a more serious side. Amateur radio is often a critical component of civic and organizational emergency preparedness plans. Phone lines and networks may not survive, may be seriously degraded, or may not be able to handle the communications traffic in an emergency-affected region. Amateur radio provides a backup to fail landlines and CITARC is there to provide that backup for the Caltech campus.

CITARC frequently participates in amateur radio contests as well as emergency preparedness exercises. In fact amateur radio contests are just another part of the amateur radio world. Along with the emergency preparedness plans, there has been a club station in the Angeles National Forest.

A bare field, empty on Friday, is sprouting antennas, towers, generators, tents, and cable by Saturday at noon. After a period of intense operating activity and effort that proves the effectiveness of this temporary station, the field is again bare by Sunday night.

This joint Caltech/AMSAT effort has taken first place nationally in its class several times even in the last 10 years. The W6UE amateur radio station is located in Wrinett Student Center and membership is open to all members of the Caltech community. The community station is critical of international contacts on virtually all frequencies, using CW, voice, digital, packet, satellite, or other modes. You do not have to have an amateur radio license to join and the club will assist those who are interested in obtaining their license. Information is available on the world wide web at http://www.coex.caltech.edu/w6ue

Sights you’ll see…

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The Shaft

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The Tech Editors disallow any knowledge of this ad.

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The Shepherd, Tim Hensou, George and Mike A. at Manger have been putting into Dealing With Guests Wanted to let the BoD know how much work Wren book has gone from being in being married. He says that the stephen moves that Stephen be appointed the sole editor of the 97-98 Totem in order to consolidate responsibility for its publication. George seconds and the BoD votes 4-0-1 (with Baldeep abstaining in memory of the absent Kiran). Mason and Stephen discuss the possibility of fusing the 96-97 and 97-98 Totems in one Ubertotem. Weezy hopes that it just doesn't fall into the wrong hands. Either way, Stephen is to get back to the BoD next week with his vision of the Totem's future.

Big T —Little China. The now partially defunct 96-97 Big T editorial staff has already received part of their compensation. The BoD expresses concern that they are being paid for a job left undone. Wren Montgomeroy wants the BoD's assurance that she will be paid before she devotes more of her time to the long overdue Big T. Kohl will calm Wren's fears with his soothing voice and strong hands. The BoD will meet with the Big T staff and Hall Daily (publications advisor) next week to get this mess straightened out. Nominations for 97-98 Big T Editors will be up soon. The BoD will make public the cash compensation received by

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Burning Issues: The Ricketts Pot

Legends of the Pot

Calech alumni tell some of the history of the Ricketts Pot, stories they heard or were a part of during their time here.

To the Editor,

As I recall, when I arrived at Dabney House in '74 the Ricketts Pot was marvelous. About my junior year there was a serious fire, including loss of some organics. This continued until the pot got glazed red (according to contemporaneous accounts). A few days later it was still wicked hot, so some rocket scientists (i.e. sprayed it with a beast) and helped destroy the students at the time were aware of its origin, but it turned out to be from Pomps or something. The faculty outrage over the destruction of a priceless antiquity was significant. A small plaque at the base of the pot informed “Fati su incendio, semper...” (roughly translated from always remember to change the bricks. FROSH!). The sarcasm was as short lived as B&G’s recall of the Pot. Using the outline of the existing Pot, he made a new template. With the help of some of the actual students, the Pot was destroyed and a new one cast.

—Brian Chafin

In the summer of ’80, the inner ring was replaced (mostly thanks to Nancy Rockwell and Jason Surace) with another sewer pipe. The air gap was again filled with insulation, but not in the hearts of the students at the time. At that time the Pot was extremely hollow and that this was an indication that the Pot was serious. I was there at that time that the pot for the outer layer had been lost. The next destruction/construction occurred in the spring of ’96. An indiscernible, on-beard Scouve decided to replace the pot. Using the outline of the existing Pot, he made a new template. With the help of some of the actual students, the Pot was destroyed and a new one cast.

—Clark Brooks

In 3.5 years nobody was ever hurt (except for some singed eyebrows) by the fireballs we had. The only damage was to the tree (which is probably not there anymore). Of course there were several instances of collateral damage to bare feet from the broken glass between the bricks of the courtyard, but that is a different story.

So, the fireball “tradition” is about 17 years old. Which, by the way, is very long for Ricketts traditions. At least from what I know of and what I remember from discussions with Scouves from before my time (when “men were men and giants walked the Earth”). The pot itself went back to the building of the Ricketts Pot. It was donated (I don’t remember by who, maybe L. D. Ricketts himself) and was a genuine Italian marble artifact (artifact = object of old, but unknown age). This was used but not designed for fires over the years. In the 50s or 60s it was severely cracked by at least one large blaze. In the ’70s fires continued to occur and the cracks got worse. In 1974 or 1975 a LARGE fire was planned using gasoline and various combustible things (paper, etc.). The result was an explosive mixture that literally blew the remains of the marble pot into pieces (somewhere which hit the walls around the courtyard).

Students procured and put in place a second sewer pipe to replace it (mainly to judge whether four squares served were legal). This was used for fires and began to be damaged itself. This was replaced in the summer of 1978 by a fire brick and concrete pot (just for ballot donations which were designed specifically for fires. Unfortunately Building & Grounds screwed up when they built it and filled it in air gap with concrete...). This last pot I know, began to crack almost immediately because of this error...

—Joe Vavros ’75-79

The current pot rises from the rubble of the old. Photos courtesy Ricketts House.

DEAN
CONTINUED FROM PREVIOUS PAGE

Before continuing, I must interject that the four squares in the pot has never been specifically discussed with the students previously. Everyone knows that fires are tightly regulated by civil authority but without a doubt the students are aware that for open burning the Fire Department has to be notified, the material to be burned has to be approved, and that the pot must be more than fifty feet from any structure, exit or thoroughfare, and fire fighting equipment and a person knowledgeable in its use has to be present. Barbecues and grills, which by definition supply flames of very very small flames, require a clearance of only 10 feet, although a fire extinguisher has to be provided. The California Code deals mostly with the use of liquids or illegal fires, and that this was confirmed by Security. Dr. West went to the Fire Station to turn them in. She was there there are not only by Fire Department people but also by Police Arson investigators. It became clear that the City is very concerned about fires at Calech. They are aware of activities which they would act on off campus, but which they are not handling because they are on campus. Should something happen which they would need to be involved in, I have little doubt that they would crack down. That be as it may, however, the point is that the students’ field of study, and the Pot, too, are fire fighting equipment, and that this was confirmed by Security. Dr. West went to the Fire Station to turn them in. She was there there are not only by Fire Department people but also by Police Arson investigators. It became clear that the City is very concerned about fires at Calech. They are aware of activities which they would act on off campus, but which they are not handling because they are on campus. Should something happen which they would need to be involved in, I have little doubt that they would crack down. That be as it may, however, the point is that the students’ field of study, and the Pot, too, are

GEOFF
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spontaneity under the honor code find it harder to find grounds for being when the results are a ‘binary execution’ by the Dean. Calech undergraduate life is unique, special, and necessary if we are going to be able to maintain an level of focused academic excellence for undergrads, that system depends on a lack of animosity with the rest of the institution, and a feeling on both sides that the other is seeking to mutual benefit. I would hate to see the system fray any more than it already has.
Change anything that the great somehow anathema to touch or be. I will not be blamed for making a gift of Verona marble which Mr. Millard had offered to make a gift of the Institute accept Mrs. Millikan’s offer, and stated that he was voted that the seconded by Mr. Robinson, it was approved:’

_and Dr. Munro as stated be_know that the price of this well reduction of the price to $425. But it cannot be applied. Nullification does not bring the Institute accept Mrs. Millikan’s offer, and stated that he was voted that the seconded by Mr. Robinson, it was approved:’

two weeks later that Mrs. Millikan had in her studio a very beautiful well head of Verona marble which Mr. Kaufman considered especially suitable for the court of Ricketts House, that the price of this well was $850, but that Mrs. Millikan had offered to make gift of half of this amount by a reduction of the price to $425. Dr. Munro then recommended that the Institute accept Mrs. Millikan’s offer, and stated that he would personally arrange for the payment of the half of the price, provided there are not sufficient savings to take care of it in the budget.

On motion of Mr. Balch, seconded by Mr. Robinson, it was voted that the recommendation of the architect and Dr. Munro as stated be approved:’

So there you have it. It really isn’t Millikan’s Pot, but Munro’s Well Head. (Dr. Munro was a Prof. of History and Member of the Executive Council, Mr. Robinson was the house master of the South Houses, Mrs Balch and Robinson, members of the Board of Trustees.)

This being settled, there are several questions which have been raised by the use of the Pot, of fireballs, and other aspects of the cult of fire elsewhere on campus. One is whether use of the Pot for unauthorized purposes is a breach of the Honor Code. I would argue that by doing Fireballs some of the students have taken advantage of others. These actions have led to physical injury, and have also threatened Caltech’s relations with the City in which it is situated. They have potentially endangered many other people, say if a fire had spread to the surrounding buildings. Along those lines, some of the games being played in Blacker and which have recently been immobilized, are at least as dangerous. One can therefore justifiably ask why the issues were not brought forward as complaints to the BoC. Of course I for Dr. West could have done so, and could so the students. My own reasons for not bringing this matter to the BoC were several. One is because of the ramifications which extend outside of Caltech, it did not seem appropriate to bring into play a purely internal mechanism. If one thinks about it, the extent to which the Honor System controls life at Caltech is extraordinary. But it cannot replace the President and Trustees and their appointees in matters that involve or impinge on interactions with the world.

A second reason was that there were possible legal ramifications to the incident, which again made it not so appropriate for resolution by the BoC. Yet another problem I saw with a BoC intervention is that the normal outcome of its deliberations, to nullify the advantage gained by some over the rest of the Caltech Community, would have been hard to nullify. Nullification does not work in a case of this sort.

Humphrey Dunlop has used the Pot as a focal point, one freshness was burned. The house involved voted overwhelmingly to cease the activity in which the accident occurred. The administration, showing the keen grasp of proportion and risk analysis which Caltech expects of its decision makers, quickly emphasized that the undergraduates could no longer be trusted and that the fire pot should be removed. The Dean claims that playing with fire is highly dangerous, and that “there have been enough incidents to indicate that it is time to close the barn door.” Perhaps the Dean would like to enumerate these incidents. One flood, for the first time that I have heard of, was injured in a Ricketts fireball; the House has voted to cease that activity, which actually sounds like an anathema. Five years ago Dunlop’s fire was removed, as the final result of a bonfire which was visible from Hill; had a friendly authority been around to emphasize that fires should not be visible from off campus, the incident would never have gotten out of hand. For over sixty years a stream of untrained under­graduates has passed through Ricketts and Dunlop, playing with fire, yet somehow failed to burn down not only the buildings they live in, but also the trees in the courtyards containing the fires. Someone of a scientific mind might think by now that the chance of disaster was low, and that the occasional mishap was not the average. We are here, the Dean says, to learn and gain a foothold in our area of interest (pity the poor Tecch interested in anything!) and not to take risks. The Administration is here, he says, to make sure that our time here is as safe, pleasant, and profitable as possible. The Dean talks about opportunities to develop as engineers and scientists in other disciplines, and describes the Administration as providing these opportunities. Perhaps the Dean has not noticed that the psychology of scientists calls for playing around, meeting challenges, taking risks, possibly even with their own lives. Perhaps theDean does not see the psychological need, in a stressful environment like Caltech, for challenges other than the official ones provided by classes. Per­haps the Dean could manage to see how the message of “No fire. No alcohol. No creatively placed walls in Avery. (But a creatively placed fire station across from it) No Ritzes or little tis of provocative taste” does not, given human psychology, easily convince the students that their pleasure is of great concern.

Earlier the Dean has written “Beliefs in invulnerability which underlie playing with fire are totally irrational.” Later he notes that one can minimize the risk of playing with fire, but not elimi­nate it. Do beliefs in invulnerability underlie research with dangerous chemicals, radioactive materials, or viruses? Can one eliminate the risks involved with this research? I think not, on either count. The Dean is fond of reminding us that playing with fire, or any alcohol, is illegal. I am not sure what point he is trying to convey. If he is saying that the Insti­tute, known for its bold­ness in lawsuits to begin with, does not with to tolerate any activity which might expose it to litigation, or can hardly argue with him. If he is trying, however, to evoke our civic inst­incts so that the students make no more trouble, I fear we will have a hard time of it. A system in which it is illegal to smoke hemp leaves, illegal for people who can vote and die for their country to drink alcohol, illegal for men in Georgia to en­gage in anal sex, and illegal to export encryption software to countries which are not only perfectly capable of writing their own but may have in­vented the algorithms in ques­tion, is not a system in which a law commands much intrinsic respect beyond that of brute fear. And none of my comments begins to address the mechanics of the administration’s decision to try to nullify the activity of a people who are, appallingly described by Shannon Stewarts, or his quick dismissal of Anglo­Saxon tenets. The administra­tion likes to say, sometimes, that Caltech students are special. Per­haps the administration should begin visibly behaving as if it believed its words.
Dear Editors,

The fire at Ricketts is not something to be taken lightly. Though the incident itself was precipitated by a serious injury, the injury was not caused by a fire. From what I've heard, it was caused by a spark accident which the fire was used to ignite. This may seem like a trivial difference, but it's in reality a matter of life or death, as both a spark and a match should be treated with the same care.

After the fire, the most popular social focus is probably the television. It would certainly be a shame to destroy an object which promotes interaction of House members and to promote one where there is none.

The Pot and the traditions surrounding it also provide a link between current students, recent alumni, and older alumni. This bond is formed through shared experiences. These experiences are unique since they are not self outward. In traditional uses (bonfires during Rotation, the burning of the Flammable Apache decorations, and yes, firesheds, to name a few) are integral to the culture of Richetti House.

For some, when considered as a fireplace, the Pot is of a superior class. The average firepits burn within a sphere's reach of wooden fires and whenever a havenese has left, and even smoke in through a chimney that can become soot with creosote that it will catch flame and perhaps set the place on fire. Even a small firepit is a must in an improved dormitory and even in death, in the outdoor terrain of California.

In this face of high voltage, a very important reason must be found to justify its removal. Granted, it's illegal and dangerous. But not so much than firing a cannon! In the seventeen years we haven't had fires being done during firesheds, it is the first major fire incident to occur. That injury would easily justify outlawing of firesheds. It is less to use it to justify destroying the whole Pot.

I remember that, about six or seven years ago, a student did some research into the legality of having fires in the Pot. It turned out that, since the fires were contained in the Pot, that they were not subject to city laws as long as they stayed within a couple of feet of the rim. Either my recollection or the original research might be faulty, or the laws could have changed in the intervening time. It should still be kept in mind before concerning the Pot on grounds that boffins are illegal, especially since other Houses have uninsured accounts that are certainly illegal.

The second issue and more important issue I would like to discuss is the<br><br>THE BURNING ISSUES: THE RICKETTS POT<br><br>Dear Editors,

Perhaps the solution is to build a device with 8 catapults which would throw trays of sawdust over the pot, in an effort to cool it and slow them down. We could also try putting a fire blanket around a door or an adjacent wall, or using a fire extinguisher even with a sympathetic (I don't know how) might be of some help.

I was a student during a period that was arguably the nadir of Caltech administration (under grad students have not actually well-passed through tenants, and have certainly been rowdy in their way). The fire destroyed the whole Pot.

The sustaining of the argument was that Caltech, through the House System, had fostered an atmosphere where the students felt that the rest of the community regarded them as responsible and trustworthy. If occasionally, they disregarded the rules that go out of their way to prevent parents or others from getting out of hand. They were not true to the students and the trouble with that sort of reasoning is that it turns into a self-fueling prophecy. If the students perceive that the rules are not enough, then they will be less responsible and less troublesome. It is only tradition and this sense of responsibility which prevent the students from being even more fratricidal. If that happens, then the administration could certainly have a lot more problems on its hands.

In today's students, the problem is tomorrow's. The problem is a few years from now.

Aren't you just a little tired of being told that the 70's followed on the heels of the 60's, and the 80's will be like the 70's? Diane laughing at these trials and errors that we have experienced. This brings a smile to me, as a student in the upperclassmen and the Pot.

In many cases, administration should be involved in the resolution only as a overseer, to make sure that it is resolved. In other cases, it should be involved to punish the offenders, if necessary (although almost always that duty could be left to the Board of Trustees.)

It is my conviction that the administration has returned to respecting and working with students, and that the students are used to alternate whole generations of alumni.

Brian Chaffee, Ricketts '92

Dear Editors,

Some of the talk about the administration changing is hard to believe. These have ALWAYS been factions in the administration that didn't believe in the house system, nor in the ability of the students to get along. I do believe, though, that these factions have become weaker, and that more and more of the administrators have been willing to listen to the students and to understand their motivations and needs. (In general they do not want to set the students up for failure, but want to help them as much as possible, although it is often difficult to do so.) As I see it, this is very much better for the students, and it is very much better for the university.

It is my hope that you will write to them in the spirit of precise time. We practiced civil disobedience. When they made some stupid rule, we broke it. When they tried to get us out of the house, we stayed. When they enforced it, these involved the pokey and we still got away. It was also talked to them and explained why it was a stupid rule.

To rule the regulating of the rule (they wanted to get back to research, fund-raising, or whatever) and changed it with student input (at least in my experience, it was a significant improvement.)

I think we should be more demanding. When we were young, we were a bit of a problem. When we were older, we were a bit of a problem.

I would like to tell you what I believe and want to share with you. I believe that no one, not even the board, has the right to destroy the Pot. It is an asset of Caltech which will be used in the future, if not, we will have been short sighted. It may even be that the Pot is a fulfillment to our community, that we will have a better sense of community, that we will have a better sense of who we are. So if the students want to keep the Pot, I think they should keep the Pot. It is an asset of Caltech which we should not destroy.

In my opinion, the Pot removes the heart of many things that we do here, and is a symbol of the Rivets. Perhaps my motivat­

Dear Editors,

The fire at Ricketts House is what should be discussed. It is likely that the students would keep it, and that the university would not.

I think that the students should have the right to keep it, and that the university should have the right to do so.

It is very difficult to do something, but I believe that it is very much better for the students, and it is very much better for the university.

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Don Sutton Elected to Baseball's Hall of Fame

By Mason Porter

The Baseball Writer's Association of America announced the results of their Hall of Fame ballots on Monday, January 5th. Don Sutton, Association of America, announced the results of their Hall of Fame ballots on Monday, January 5th. Don Sutton, elected this year. He received more than 324 votes, and he won more than 20 games only once. Some people make the same complaint against Nolan Ryan, but Sutton received an average of about two more runs for every nine innings he pitched during his career than Ryan did. A similar argument that Sutton was a solid but unspectacular pitcher during his career, but it seems that his level of performance should be considered spectacular given the fact that he maintained it for almost a quarter of a century.

Several players on this year's ballot will not be on it next year because they garnered fewer than 5% of the vote. These are Jack Clark, Pedro Guerrero, Willie Randolph, Carney Lansford, Brian Downing, Mike Flanagan, and Rick Dempsey. Clark and Guerrero were players whom both had their careers cut short or diminished by injuries. The next four were solid but not spectacular players, and Dempsey was a back-up catcher for most of his career.

Sutton, now a broadcaster for the Atlanta Braves, was a deserving Hall selection, although there are legitimate gripes against his selection. He needed 23 seasons to earn his 324 victories, and he won more than 20 games only once. Some people make the same complaint against Nolan Ryan, but Sutton received an average of about two more runs for every nine innings he pitched during his career than Ryan did. A similar argument states that Sutton was a solid but unspectacular pitcher during his career, but it seems that his level of performance should be considered spectacular given the fact that he maintained it for almost a quarter of a century.

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**Announcements**

*There will be an ASCIT movie this week.*

*Myfunny is now also a Scurve.*

**Fellowships and Scholarships**

**The Glamour Magazine’s 1998 Top Ten College Women competition** has begun. The competition is open to all full-time juniors regardless of major or GPA. All entries must be postmarked by January 31, 1998. Contact the Dean of Students Office, 102 Parsons-Gates for the applications.

The Korean American Scholar Foundation is pleased to offer to over $52,000. Applicants must be full-time students of Korean heritage enrolled in at least the 2nd year of college and planning to enroll in a college in the Western Region. Each applicant must submit an application form, transcripts from the last two years, letters of recommendation, one picture taken during the last year, and a copy of both their student's and parent's or guardian's Federal Income Tax return from last year. Applications and information may be obtained at the Financial Aid Office or through the foundation website at www.kasf.org. Application forms must be postmarked by January 31, 1998. UFA

The Josephine de Karman Fellowship al- lows high school seniors and undergraduate students entering their senior year and graduate students entering the terminal year of a Ph.D. program in Fall 1998. For application information, call the Financial Aid Office.

**The Postgraduate Fellowship allows** graduating seniors, Master's and Ph.D. graduates to work for one to two years at a national laboratory. Fellowships are funded by the host laboratory, and include support for stipends, travel, relocation and other allowances. For information, visit the obtaining Fellowship section of www.ascit.org.

The distinguished Speaker Series of Southern California is moving into its second season. The events will be held at the Pasadena Civic Auditorium on six evenings each month at 8 p.m. Colin Powell will be speaking on January 21st, 1998, Dominic Di Giovanni on February 26th, Elizabeth Dowle on March 12th, Jean Michelle Courteau on April 8th, Maya Angelou on May 13th and Mark Victor Hansen on June 10th. For more information, contact (308) 508-9391.

For more Caltech events listed, further information can be obtained by calling 957-4652 or (888) 2-CALTECH, or through the Caltech website: http://www.caltech.edu.

**The Division of Sciences, Ethics, and Engineering** will host its annual Scholar's Seminar on The Road to Rin Tin Tin: Social Construction of the German Shepherd Dog, this afternoon at 4:00 in Baxter 25. Refreshments will be served. For more information, call 4807 or e-mail y.hay@caltech.edu.

*David Koerner, piano, and Tom Lloyd, cello, will be playing in Dubnoff Lounge on Sunday, January 11th.*

*The next Ernest C. Watson Lecture on the World of Our Children’s Health: Visualizing Altern ate Futures with the World Wide Web, will be held on Wednesday, January 14th, in Beckman Auditorium.*

*The next Entrepreneurship Office’s third oral HIV antihody test. will be given at 9:00 AM, on Wednesday the 14th and close at 5:00 PM on Tuesday the 20th.*

**Mints**

*denotes a new announcement.*

**The Caltech Rock Row Dance Club** will offer two new Saturday classes this quarter: Beginner Viennese Waltz will be taught by Derrick Biel, Waltz will be taught by Jony Nash to the music of Let’s Dance. The cost is $20 for undergrads, and $25 for graduate students. Refreshments and practice dance time follow each lessons. Time and location are not certain, so watch the posters or visit www.caltech.edu/club/docs/ for more details.

*Beginning Monday, January 5th, free anonymous HIV testing, using a oral HIV antibody test, will be available on Monday evenings from 4 to 7:00 PM in the AIDS Testing Service Center, 1030 S. San Pasqual Parade in Pasadena. Persons wishing to be tested may make an appointment by calling 90732-9924. Walk-ins will also be accepted. Both pre- and post-test counseling will be provided, and results will be given the following Monday.*

**The Gay/Lesbian/Bisexual Discussion Group meets on the first and third Tuesdays of each month from 7:30 p.m. until 10 p.m. in the Health Center lounge. This is a confidential meeting and does not imply anything about a person's sexual orientation-only that she is willing to be supportive in this setting. The group usually discusses a particular relevant topic and then moves on to the next relevant discussion. Refreshments will be served. If you would like more information, please call x3311.*
Dilbert will not be having sex this week...

THE INSIDE WORLD

THE INSIDE WORLD: CREAM YOUR PANTS... THEN GO YÅÅHTING
What would Ricketts have if not a pot?
1. Firebush-juggling Russian circus bear
2. "Oil Fires of Kuwait" action setplay
3. "World of Sodium" aquatic theme park
4. 15,000,000 non-childproofed lighters
5. Large vat of oxygen,
6. 2 large vats of hydrogen
7. One pot-sized candle (we make the wick)
8. Hell: the interpretive historical site
9. "Community garden" pot-shaped planter
10. A pyro stripper
11. Spontaneous Human Combustion lab
12. I metric ton of pre-authorized FEMA fire disaster relief forms
13. A GIANT can of oily rags
14. 10 0.6 foot pile of magnesium shavings
15. Sawdust mill
16. Acetone fountain in the shape of a penis
17. Big lighters, giant butt that farts when you walk by
18. Hyperbolic doodecacohedron jungle gym (like the Mathematics book)
19. Surplus missile silo with nose cone above surface to nab for good luck
20. Huge catapult pointed at the ath
21. Concertina-wire tightrope across the courtyard
22. Mountain of broken glass: make your own sand
23. "Hot Kohl's hot coals" (tm)
24. A terminator T-1000 "homer code ENFORCER"
25. "Want-be-gone" hydrofluoric acid fountain
26. Subscriptions to "soldier of fortune", "irreconcilable for hire", and "the freuch weekly"
27. Our very own hole in the ozone layer
28. Blasting cap novelty earrings
29. Bottomless pit/fire marshal's slidepole to hell

COSMOLE PERSONALITY TEST

What kind of calculator do you use?
(a) Graphing
(b) Graphing
(c) I don't use a calculator. I do it in my head.
What house are you a member of?
(a) North House
(b) South House
(c) Avery or Dill Campus
Do you enjoy the Food Service Formerly Known As TFM?
(a) Yes
(b) No
(c) I'm off campus, hibernating, and getting by on Ramen Noodles.
When you go home for vacations?
(a) Yes, so my mom can do my laundry.
(b) I go home with other people.
(c) No, I think I was adopted.
How do you describe your Chem 3a experience?
(a) I got the section I requested: Monday, 1-3 AM.
(b) Enjoyable. Handed printed lab notes across the lab.
(c) Can't remember. I was asleep.
Are you taking AMAs 95 and Math 2 at the same time?
(a) Yes
(b) No
(c) Yes, and I'm looooving it over.
Did you take Analy Track Math/Physics?
(a) Yes, both.
(b) Yes, one.
(c) No. They call it "Anal" for a reason. Would you watch sections just because the other TA has a cuter butt?
(a) Yes
(b) No
(c) Yes, and one of us is pregnant. Have you ever stayed after lecture to play with the demons or ask the professor a question?
(a) Yes, and I asked for next week's assignment.
(b) I had to ask him to sign my drop card.
(c) I have never even been to your class before.
Are there lined sheets on your bed?
(a) Yes
(b) No
(c) Sheets? Bed?
Drug of choice:
(a) Physics gets me high.
(b) Mountain Dew.
(c) The fertilizer & RGP sprays on the lawn.
If there's someone else in the shower room and you urgently need to shower:
(a) Go back to my room and take a sponge bath in the sink.
(b) Wait and knock, repeatedly, then go in and start a conversation.
(c) The guys in the same stall and...
Stop.
Raise your hand at dinner and expect your parents to wait on you.
Your house has a Secret Santa Party.
You give:
(a) Feynman Lectures on Physics
(b) A Fair Side Calendar
(c) Strawberry Nipple Cream
Steam Tunneling:
(a) It's against the rules.
(b) Once, to pick up a Chem set.
(c) Reported a steam leak to Central Plant.
Extent of your social life:
(a) Study groups.
(b) Night parties.
(c) Web porn.
During your Frosh rotation you:
(a) Had to come over.
(b) Left after meeting the president.
(c) Left after sleeping with the president.
While on Catalina during Frosh Camp you:
(a) Sang "Kumbaya" with your ECC.
(b) Went on a hike with Dave Stevenson.
(c) Swam naked and lost your clothes.
Your meals on the weekends include:
(a) Macaroni and Cheese.
(b) Lasagna.
(c) Something from the public cabinet.
When you took Phys 3 you:
(a) Made FIT Version x to kiss up to Don Skelton.
(b) Were strongly advised to drop the class by Don Skelton.
(c) Went to have a beer in the Asl with Don Skelton.
You go down to the laundry room and see that all the dryers are taken.
(a) Wait patiently until a dryer is free.
(b) Take someone else's clothes out, leave them there on the counter.
(c) Bump chests with the Flan that is waiting.
The Big Enje:
(a) Wro
(b) Male pattern baldness.
(c) Didn't respect me in the morning.
Jackie Barton:
(a) Deserves a Nobel Prize.
(b) Stupidly dressed.
(c) Who?
Dean Revel:
(a) Kindly old man.
(b) Signed my old card.
(c) His articles in the Tech speak to me.
Nate Lewis:
(a) Offered to write on the chalkboard for him.
(b) Pretty slides.
(c) Put chalk on his salad when he was taking to the Ath.
The Ath:
(a) Went with my advisor.
(b) Drank beer and contributed reciting.
(c) Ran through naked.
Stephen Hawking:
(a) Cozier than Einstein.
(b) Chauvinistic.
(c) Ran me down outside Lauritzen.
The Star Wars Trilogy:
(a) Seen a more than 10 times.
(b) Has Solo's A*! (Loa's metal face).
(c) Return of the Jedi.
Mimosa Chimchara
Geology field trip:
(a) Posted my report on the web.
(b) Rocks and beer.
(c) Beer and tequila.
Beer and orgies.
Feynman:
(a) Q.E.D.
(b) Safecracker.
(c) Sure, I remember Dick.
Hum class:
(a) Needed for a well-balanced education.
(b) Scheduled nap.
(c) Take 'em all senior year.
Depression:
(a) Have a complete set of 12 shirts.
(b) Love that chair.
(c) Coal miner's hangover.
Never again.
Operating system of choice:
(a) UNIX
(b) Windows 95/98/OS 8
(c) QNX
You meet someone during Frosh orientation, ask them:
(a) What were your SAT scores?
(b) Where are you rotating out of?
(c) "Want to see my genetic defect?"
A's/Anet Retentive
You are the admission committee for your candidate for Tech. You feel a striking resemblance to Kent for "Real Genius." You have never turned in a homework set late, and you have never broken Ren's computer. Stop using one to communicate with the outside world. Remember it is only at 11 a.m. to graduate on at least 15 units of time to graduate on at least 15 units of time.

MOSTLY B's: NORMAL WELL, FOR THIS PLACE
Okay, so you're doing it all right. Be a take-a-look-at-the-side-see-your-life. Tie-dye your underwear, visit the Dunboat Hot Tub, turn on the light in the cafeteria, just before to lunch. Stop using one to communicate with the outside world. Remember it is only at 11 a.m. to graduate on at least 15 units of time to graduate on at least 15 units of time.

C'S: PSYCHO
You've been here too long. You've probably cavorted naked with the lab in the EE Stockroom to get extra for your labs. Stop inhaling the acid too and try walking above ground. EECS is naming its machines after animal species in time of organic farming.

a forest of whimsy
I lke beer to those who are perishing, wine to those who are heavy of heart. Let them drink and forget their misery, and remember their sorrow no more. proverb 31:6-7

in the dunboat courtyard there are many trees. their death for the sake of satanaila was mourned by the house of love. their corpses have been displayed to slap the figurative faces of the who kill—those who kill for the ostensible reason of a joyful holiday. killing is never right. killing is always wrong. the greatest of the commendations is this: love your neighbor as yourself.

the dunboat house courtyard garden is open twenty-four hours a day, seven days a week. "a forest of whimsy" will be on view at least through the weekend.