Secretary of Interior Visits Caltech, Promotes USGS
by Royden Jones

On Wednesday, February 1, the Secretary of the Interior, Bruce Babbitt, went on a tour of the Seismological laboratory and then went on to hold a press conference in South Mudd. There was a healthy group of reporters there, including several camera crews (such as KCAL, KABC, and KCTA). The bulk of the conference dealt with the promising partnership between Caltech and the United States Geological Survey, and the danger that the USGS is currently in, due to budget cuts and the “Contract With America.”

The Secretary felt that the partnership between Caltech and the USGS has led to many improvements and innovations regarding earthquakes. Although the bulk of his talk was on the Earthquake studies, the USGS has several other responsibilities as well, such as supporting maps and their funding of much of the current research in Geology. In the last several years, there has been a dramatic increase in the speed and accuracy of the Emergency Response. Currently, even while the quake is still occurring, the sensors can detect where the damage would be most severe, when and what to expect; we have the quickest and best response to the emergency, something that was sorely lacking in the Kobe quake, as it is in some cases the only new data to where to go. Besides the improved deployment ability (and a related superior communications set up), there is an increased education on earthquake awareness: which areas are more or less likely for quakes, how to better build for the event of quakes, what to do in the case of a quake, and so forth. The engineer aspect was touched on briefly, in that after each earthquake, more data is accumulated and the buildings are even more ready in the event of the next quake. (As was mentioned in the Kobe article last week, much of the damage was complicated by many buildings being hundreds of years old and having never been thru a previous quake.)

Babbitt then went on to discuss a more national issue, the upcoming budget. The United States Geological Survey is one of several science related items that are having some problems in Congress. One of the issues that has come up is the opition that the government is taking too much of a regulatory role in science. As Babbitt offered, however, “even in this period of skepticism in the government, it’s important to keep the government involved with a program of this importance in all of our best interests.” When asked how important he felt the work of the USGS is, he replied that “for Southern California, the USGS is very important. It is the very finest earthquake research there is.” However, nowadays everywhere in the Government there is a fervor to “downsize.” In his own Department of the Interior, which currently has eighty thousand workers, he plans on cutting the jobs of eight thousand of them in the next year. He does not like the idea of cutting programs, however, as he would rather downsize his programs than cut the smaller ones in his own words, he would rather “cut the fat than the bone.” He is in the group opposed to cutting personnel.

My experience of learning to live in a place where my initial unfamiliarity with the Dutch language and culture felt like a handicap and has taught me empathy for persons with similar difficulties such as immigrants and the illiterate among many others. Because of these encounters, I have become more aware of my own cultural biases. Things about life I had previously understood to be the norm are now often characterized by things such as “typical American”- colorful clothing, the expression “cool” and “awesomel and “OK” and “nice to meet you” as well as more subtle manner-isms. Amusing, I think.

When I returned to Rotterdam in June, I was nautical for Caltech, for my home in Hawaii, and for my family and friends I had left in order to be here. But now — the old flat I share with my house mate from France, the streets full of little shops, the market at the centro city have become a far more pleasant park with the forest/windmills lake near my flat, the swimming facility also near my flat, my tasty old bicycle, the pleasant walk to the market, the Saturday flea market, the wonderful weather, and all the interesting people and new friends I’ve met are parts of my life here I have grown to love.

The Geology and Planetary Science Dept. is starting a PhD-like class this year. This new opportunity in undergraduate research is open to all Caltech freshmen. The course will, like Ph11, consist of weekly tutorial meetings in the spring and fall quarters of 1995, and summer support (at the SURF rate) will be given for the summer of 1995. There will be at least three positions in this class for winners of this hurdle competition. The following is the hurdle:

A closed candy jar is filled with a mixture of plain M&Ms and peanut M&Ms. Discuss quantitatively various strategies for shaking the jar to separate the two M&Ms species and the degree of separation obtained. Separate out the effects of mass and size/shape.

Rules: You may use any reference you like, but you cannot collaborate. Use of computers, etc. is OK. The hurdles are due Monday, February 27, by 5 PM, in 201 Sloan Annex (Dr. Tombrello’s office).

On Monday, February 6, 1995, ASCIT members and undergraduates will vote to fill 11 offices and on a bylaw amendment. Each candidate has been asked to submit a statement for this week’s edition of the Tech. The ballots will be two-sided. Be sure to fill out both sides. And now for list of confirmed candidates as of Wednesday, February 1.

ASCIT Secretary
Bradley M. Hingston
David Relyea
ASCIT Treasurer
Peter Manca
Karna Shimizu
IHC Chairman
David Catlett
David Decker
Thom Macaroni
Director for Academic Affairs
Vesley Gunman
Ken Webh
Thomas Macaroni
Director for Social Activities
Phillip Rodriguez
Greg Steier
Upperclass Director-at-Large
Laura Munnor
Freshman Director-at-Large
Meg Crocken
Krishna Gidwani
Bradley Marker
Mellisa Sargent

Other candidates who confirmed after this article was written may have statements in this edition. If they have confirmed on time, then their names shall appear on the ballot. If there are any questions or concerns regarding the upcoming election, please contact the ASCIT Election Chairman, Cedric Hobbs at cedric@scalos, ASC 260, or at 568-0001.
Hawking: A Great Experience, but a Bit Light on Physics

by Zackary Berger

Two weeks ago, world-renowned Stephen Hawking gave two talks to Caltech audiences. The physicist drops by Pasadena very few months, and holds the title "distinguished scholar" in Tech's egghad hierarchy. They were polar opposite. Thursday's involved quantum cosmology and was under the physicists' auspices, while Friday's was given to undergraduates (with the sponsorship of the Dean's Office) in Ramin Auditorium.

Two weeks ago, that is. Why wait two weeks to give tree-choir readers of the Tech a healing draft of Hawking? One might ascribe this peculiar neglect to the Tech's distinctly, chronically late coverage. (My friend commented that if Rudy Marcus and Tom Everhart were to publish their articles on the front page at noon, they'd be pushed off the front page by ASCIT elections and a news release from Public Relations.) Or maybe we at the Tech just don't like Stephen Hawking, and meant to by omission (just as we did in the case of Martin Luther King, Jr., presumably to hold the readership with an honest and degrading headline.) They hesitated then. We didn't say that! No, this is a really easy job!

Unfortunately, not much. Hawking's talk was entitled "Life in the Universe," and comprised for the most part rehearsed mumblings on the meaning of life, the evolution of information as a concept and foundation of life's evolution, and our future interactions with alien species. Nothing, that is to say, that most if not all of the audience hadn't heard before. So clean air, no consequences, in other contexts from so distinguished scholars. Many were a little disappointed. Which is why I hesitated to write. I thought the Dean's Office would take it wrong, and Hawking himself might take offense. So here's a disclaimer: we came to see Stephen Hawking, Nobel-quality physicist and inspiring guy over all. We thank the Dean's Office for getting him to speak to lowly undergraduates. Unfortunately, Professor Hawking, you pitched your talk a bit too low. Next time, ease up a bit on the dumbing down. Remember "A Brief History of Time," where you lured a stabile readership with an honest and detailed approach to the mystery of modern physics? We've been treated to some physics in our time here, and we'd love to hear some of yours.
This laptop computer weighs too much. Do we have anything lighter?

Why don’t you just delete files to lower the weight on that one?

That’s a thought.

Technically, I only asked why not.

You’re mighty brave in cyberspace, flame-boy.

I’m thinking this somehow elevates my rank in the hero and improves my mating possibilities.

We’re victims of hormones.

I’m protesting the company’s dress code. I refuse to dress like a woman.

High heels and pantyhose are designed to make women look like helpless little ornaments for the pleasure of male viewers!

I’ve never had pleasure viewing you, I swear.

Thank you for your support.

I’m dressing like a man to protest the company’s dress code.

So, what you’re saying is that you’re actually a woman is that your claim?

That’s not exactly the point. I saw “The Crying Game.” Don’t do anything that would make me heave.

I ranked all of your assignments by priority so you won’t waste time on unimportant stuff.

Everything is an “A” priority except for “personal life.”

This helps a lot. I’m still working on the list of “must do” “B” priorities.

This laptop computer weighs too much. Do we have anything lighter?

Why don’t you just delete files to lower the weight on that one?

That’s a thought.

Technically, I only asked why not.
Masseuses Soothe Tired Beavers

by Krishna Gidwani and Saurabh Saha

Last Friday local masseuses from the Wild Oats organic grocery store came to Braun Athletic Center to demonstrate the benefits of therapeutic massage. We were fortunate to have experienced this unique form of relaxation. Stephen S. Yelich, a professional masseuse, performed sport massages on some of Caltech's athletes. Yelich has worked with many top athletes in the United States, including Kevin Young, Carl Lewis, and the U.S. Cycling Team. According to Yelich, a sport massage is "a powerful therapeutic modality which will maintain optimal performance (of the athlete)." For the past eight years, Yelich has perfected his massage techniques among Pasadena residents. He is a proponent of the Shiatsu and Swedish massages. Shiatsu literally means finger (shi) pressure (atsu) and, in general, Shiatsu is stimulation and relaxation of the body with the hands and feet. Swedish massages mainly consist of movement classified as passive and active. Yelich and the other masseuses spoke of the many holistic effects of massage on the body. One of Yelich's colleagues asserted that, "by dilating the blood vessels and increasing the supply of blood and nutrition to tissues and muscles, massage acts as a natural and mechanical cleanser."

The results of massage on a regular basis lead to improved general circulation, elimination of fatigue, and dispersion of the edema following injury to ligaments and tendons. When asked to describe their massage experience, most Caltech students said that they felt "rejuvenated and less tense." Personally, we did not experience this artificially induced euphoria. On the contrary, it seemed to us that the massage caused soreness and pain. However, we strongly encourage you to experiment with massage if you can shell out the average rate of $55 - $60 per hour.

For once, a cut in educational spending that actually helps students.

With Apple's special low student pricing, you can get a terrific deal on Macintosh, the best-selling personal computer on college campuses today. You can choose the affordable Macintosh Performa, which comes complete with lots of powerful software to help you through college. You can also choose the portable Apple PowerBook or the Power Macintosh—the world's fastest Mac! And because Macintosh is still the easiest personal computer you won't have to dig through complex manuals. Plus, with low student pricing, a Mac is as easy to afford as it is to use. All of which makes it the ideal time to discover the power all college students need. The power to be your best!
**SPECIAL INSERT:**

**ELECTION STATEMENTS**

**Athletic Manager**

Stacy Kerkela

I wish we had InterHouse Sports here at Tech. That would be cool. There are myths, rumors, that it existed once before. But as a hardened cynic I refuse to believe it until I see it. In truth we have sagging participation, more defaulted games than ever, and generally less fun and less spirit. Fortunately, things are turning around.

This last year has seen the nucleus of several substantial changes. First, we have a new eligibility rules that keep InterHouse for students and early Graduates, but keep Grad Students and other community members from making student spots on House teams. InterFlamingo-Paging House Sports, sorry, Discos, has spawned Crisco as an InterHouse event that all Houses can compete in. Also the changes in Discos rules that go into effect next year, will require more time and more communication on the part of the Ath Teams and the Ath Committee, and I believe that I am the most qualified candidate to work towards and bring about these goals in a comprehensive and equitable manner.

Please give me your vote on Monday.

**Laura Verhoff**

Experience is vital to the efficiency and effectiveness of any position. Only by actually performing a job can one understand the time, commitment, knowledge and ability required. I have that experience as athletic man.

The question in your mind is, Why should I vote for Laura? I have served well as your athletic man this past year. I am the first athletic man (in anyone's memory) to reconvene the Executive Athletic Committee to make athletic decisions based on the opinions of EVERY House. This committee, under my guidance, has played an active role in changing the things you wanted to see changed. We have reviewed and updated InterHouse rules; revised Discobolus for next year to reflect a changing, diverse student population and created the new Crisco competition, currently in its infancy. I have also personally reviewed the ASCIT Athletic Bylaws and advised the BOD on which to change and update.

But my experience far exceeds just ASCIT Ath Man. Being a varsity letter winner in sports, as well as being co-captain of the tennis team, has given me direct contact with athletes from sports of all season (just ask any of them if they've met me in the training room). I was also chosen as a mentor by my peers for both the volleyball and tennis teams. I am a charter member of ACME - the Athletic Council for Mentoring and Education (formerly known as the Awareness Committee). I will be representing our group this weekend at a drug and alcohol education conference. And Angiie Bealko will be presenting our committee's successes and experiences of the past year to schools throughout the nation attempting to create programs such as our own. I am also working on establishing a sports page in the paper, in conjunction with ACME.

I feel that I have been a competent Ath Man. During my term, I have dealt with the IHRC, various House presidents, the BOD, and the athletic department. I have been one of the first athletes to take an active role in athletics, rather than just handing out awards. I am also the first athletic man to regularly keep in touch with all the House athletes through email, updating them and getting their ideas. I took time to prepare a packet for each Ath Man containing InterHouse and Disco rules, athletic groups on campus, and helpful information about general questions athletes would have. I am currently looking into trying to bring back Caltech blankets for lettermen.

I can not stress how important experience is to this job. I admit that it took a while to clean up Tink's mess, but it took a lot of time and effort to learn how to do many of the things required for this office. More importantly, though, it is I am impartial to all the Houses - I am not affiliated with any athletic team and have never been on one. It was one of my major goals to attempt to get input from all the Houses and I have accomplished this.

Please take time to vote on Monday. You elected me once and I haven't let you down yet.

---

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So, you want to become a high-performance CPU designer? Well, the possibility exists at Hewlett-Packard Company, Fort Collins, Colorado. "We're the leaders in the R&D of industry leading CPUs."

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**Hewlett-Packard Company is an affirmative action employer dedicated to workplace diversity.**

All positions open to legal permanent workers in the United States. Subject to background investigation. New employees are normally not eligible to receive relocation assistance. Individuals in this program are not eligible for relocation assistance. Individuals in this program are not eligible for relocation assistance.
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[Image 0x0]ctions and use the campus Internet services as well as the new house representative structure of the ARC to improve the information resources of the committee. When it comes to representing the student body to the administration and faculty, I've been familiar with the new core policies and fresh on grades. The most used source of infor­mation is the CLUE. As DAO I would of course continue to maintain the on­line version of the CLUE as well as publish a hard copy at the beginning of the year. I plan to develop a more automated system for requesting and getting student reviews of classes so that more information will be avail­able to me. I would also like to provide the student with as much information as possible. All available reviews, grad­ing, and enrollment distributions would be published. Flora Ho, the outgoing DAO, has done much to im­prove the CLUE and streamline its op­eration. I would very much like to continue this trend by improving it even further.

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[Image 0x0]ve you for your time.
As mentioned in the election statements two weeks ago, this is an exciting time to be involved in student government. The past year has seen some great proposals rise, such as the recommendations for improvements in ASCIT. Unfortunately, changes in the curriculum, decisions on how to integrate Avery House — each of them designed to improve life here in a different way. It now is time to implement these changes. This is why I am running for the position of IHC Chairman.

I am seeking the office of IHC Chairman because I believe I can contribute my experience in undergraduate representation to help address the unique situation of Caltech houses. I am familiar with the duties of the IHC, and organizing efforts to obtain undergraduate input on the revisions of the core curriculum.

Over the past year, I have represented the student body without bias to House affiliation, and I've found my representation to be effective. Whether when there is an atmosphere of cooperation, rather than conflict, among the Houses, or when I believe the IHC Chairman embody that spirit of cooperation, in his actions both past and present.

When I do not see clear moral superiority in one's position, I believe that IHC Chairman must be ready to advocate for the rights of the minority. I believe in advocating for the rights of the minority, and in that spirit, I will work to ensure that the voice of the minority is heard.

I am a good listener. When I do not see a clear moral superiority in one's position, I believe that IHC Chairman must be ready to advocate for the rights of the minority. I believe in advocating for the rights of the minority, and in that spirit, I will work to ensure that the voice of the minority is heard.

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Director for Social Activities

Greg Steiert

As we roll through life, many people come to the conclusion that life just isn’t fair. Quite often, a person is not given a fair shake in the way they work. A good deal of the time, as with the office of social director, the work is greater than the recognition.

With a strong and determined Secretary, I created the monthly EE Social Hour, and as Social Director, I will strive to develop stronger ties that create unity between the houses, and in doing so, give each student a broader basis of experience and people to draw on. If elected I plan to do everything in my power to improve the quality of social life, and if I can improve the quality of campus life, any amount of wood will have been worth it.

Vote for Greg Steiert. A vote for effort and experience.

Freshman Director-at-Large

Bradley J. Marker

Many of you already know who I am. Those of you who don’t, just grab a fresh and ask them. Most fresh should have something to say about me, or at least be harassed by much of the upperclass as I suggest my position. I have given me the experience which I believe is necessary for the office of Freshman Director-at-Large. The first and most important is that I am fresh. I also have finely developed my time management skills (aka. flicking abilities). I manage to spend a large majority of time waiting instead of using it, and I never lose patience for running in an assignment late. I would like to take a moment to thank my magnificently C.S. TA’s for their generous extensions on labs. I am most thankful. Do not get me wrong, I can work hard and I always do what is required of me. Besides, I need less than four hours of sleep a night. Those qualities add up to plenty of free hours for holding an office. I should have no trouble finding time to work on the UROH and other responsibilities of the Freshman Director at Large. I almost need an extra project to fill the early hours of the morning when many are asleep. Next year, I may change my mind about free time, but I will back down.

On the more serious side, I have a few qualities that might be useful in editing the UROH. Once, by some fluke, I won an award for my creative writing skills. I have also been published in my high school’s literary magazine.

I'm running for Upperclass Director at Large. On many occasions, I have tried to use the old ASCIT copier, and it has been broken. Look forward to the day when it will be repaired, purchased, execrated, and replaced by one that works. The Director at Large must keep track of the ASCIT copier and vans and make sure that there are fluids if they’re broken. As for the vans, I believe I can keep accurate records of van sign-outs, and I would see to it that repairs were made as quickly as possible. I think I’m responsible enough to perform these duties and others assigned by the Board of Directors. I would enjoy keeping three services of vans and copy original available undergraduates.

Kohl Gill

Women Ages 22-33
Sought as egg donors for infertile couples
Extremely rewarding
Emotionally/financially

The Egg Donor Program
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The California Tech
February 3, 1995
still more

BOC Secretary

Ricky Carson

The duties of the BOC Secretary include maintaining the records of the proceedings of the Board of Control and assisting the Chairman with preliminary investigations. Publications, such as the Honor System handbook for students and faculty, and organization of meetings also come under the purview of this office. In addition, as an advocate of the Honor System, the Secretary is sometimes called upon to represent the undergraduates to faculty, administration, staff, and outside groups, along with the Chairman, or in cases where the Chairman is obliged to be absent. Thus, the Secretary must be ready to stand in the breach of preserving the honor of the undergraduate community.

As a House representative on the Board of Control over the past year, I have been exposed to Honor System issues and dealt with cases involving possible Honor System violations. My term on the Board of Control and more than two years living under the Honor System have given me the experience which I believe is necessary for the office of BOC Secretary. I am familiar with the organization of the Secretary, prepared to take on the heavy burdens of the office, and able to serve the undergraduate community justly and effectively.

Chris Walker

As a House Rep. for the past year, I have served on a wide variety of cases. While often unpleasant, they have given me the experience necessary to perform the duties of Secretary. If elected, I will continue to serve the Board to the best of my abilities.

Melissa Saenz

How would you like a quality Undergraduate Research Opportunities handbook distributed as EARLY as possible? As Freshman Director at Large early UROH would be my goal. Thanks for your vote!

Krishna Gidwani

The primary responsibility of the Freshman Director-at-Large is to facilitate the completion and publication of the Undergraduate Research Opportunities Handbook (UROH). Only someone who has completed the research experience in publications and related areas can ensure that the UROH is successfully completed in a timely manner. I am currently the Assignment Editor of The California Tech. In this capacity, I routinely deal with meeting deadlines and various aspects of editing. I have already acquired UROHs from previous years and familiarized myself with their formats. I have also spoken to numerous professors to find out about research opportunities that have not been published in the past. The office of Freshman Director at Large carries with it numerous other responsibilities. I am confident that the knowledge that I have gained as a member of the Dean’s Advisory Committee for the Core Curriculum and the Educational Policies Committee will enable me not only to handle, but also to excel in all aspects of the office. My goal is to leave the Board of Control and my graduate student to the very best of my abilities. I sincerely hope that you will seriously consider Krishna Gidwani for Freshman Director at Large. Above all, please remember to just vote.

Kerkela Stacy

It’s called the Arc Van. Arcit, in the Associated Students... So that makes it the Associated Students Van. So why is it that it’s harder and harder for students to use the Van than support it belongs to them. That is the point of this job, and that is the point why I am running. I am fervently opposed to further restricting the use of the Van. I think clubs should have much MORE access to it, and a much more even access also. In addition the paperwork is in strong need of revision, and no one should have to go off campus, or track down people who aren’t students in order to sign it out. Arcit is a service oriented organization, and it is full of a lot of very important tasks that often are behind the scenes, but never the less, make student life easier, pleasurable, and sometimes a little less stressful. The purpose is somewhat de fined when a toner-less copier, or a Van with a miscalculation of keys causes more frustration than it could ever abate.

My goal is to be a part of my house’s social team, why I always volunteer for decompression, and why I am the current president of the local student chapter of ASCIT. The job of social director is a service job, and I am here to serve. I am a member of my house’s social team and a member of the ASCIT Social Committee, so I know what the job entails. I am prepared to put forth that much effort and more, whatever it takes to see that the students here have a social outlet for the stress that builds up in our daily lives. As Arcit’s President last year, I created the monthly EE Social Hour, and as Social Director, I will strive to develop stronger ties that create unity between the houses, and in doing so, give each student a broader basis of experience and people to draw on. If elected I plan to do everything in my power to improve the quality of social life, and if I can improve the quality of campus life, any amount of wood will have been worth it.

Vote for Stacy Kerke, a vote for effort and experience.

Women Ages 22-33
Sought as egg donors for infertile couples
Extremely rewarding
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The California Tech
February 3, 1995
still more
**Statement That Didn’t Fit in the Insert**

**Editor of The California Tech**

**Fr. Dir. @ Lrg.**

**Team of 5**
Shay Chinn, Stephen Van Hooser, Wei-Hwa Huang, Terry Moran, Mason Porter

The California Tech holds to it an honor and responsibility that has endured throughout the years. The Tech calls it a group of indomitable students to attempt to best represent and inform the student body of the motions that are arising in the world around them. The great responsibility inherent to editing the Tech must not be taken for granted: real alone is not substantive, but pure perseverance as well as experience is what is needed.

We feel that by binding together a group of experienced editors, who are dedicated to making the creation of a better Tech a top priority we will more fully fulfill the needs and wants of you, the student body. The union of our diverse talents, experience in newsprint, and degree of point of interest and initiative and desire to always better our efforts in this important position, promise to make a Tech that will hold up to the standards of time.

Our staff is the only team containing a previous editor. We are a team of Tech editors and writers, and we have the aspiration to advance Tech as a representation of the student body. We promise to be the best union of experience, cooperation, and vision. We urge you on voting to decide for the best interests of the Tech and the student body.

**Team of 3**
Neal Dalal, Alan McConchie, Aloysius Wild

Our Plan: All Dilbert. All the Time.

Here’s Why: The Tech, it kinda sucks.

You’ve all seen how the Tech has been. You open it up, and what do you find? Crap. Nothing you wanna read. Whaddaya want? You want Dilbert. You want lots and lots of Dilbert. That’s all you want, just Dilbert. Week after week of nothing, but pure, unadulterated DILBERT! And that, my friends, is what you’re gonna get. No Kreative Kooner. No S&M. No We. All Dilbert. All the time.

**Momo Jeng**
Momo, Momo, Momo

By talking to my fellow under-graduates, I have determined that many students believe that the California Tech is not a truly top-notch newspaper. The question is whether or not it can be made any better — Caltech students are generally not skilled writers, and are usually too burdened by schoolwork to spend much time on a newspaper. However, after considering the California Tech and its role at the Institute, I have come up with a plan to make the California Tech the informative, entertaining and interesting paper that it should be. My plan has been carefully thought out, and is sure to be effective when implemented. Unfortunately, if I reveal my plan at this time, the administration will be able to use their usual repressive techniques to prevent me from carrying it out. Therefore my plan must remain, for the time being, a secret. However, once elected, I will implement my secret plan, and the administration will be powerless to stop us from creating an high-quality paper. You have my word that my secret plan will work, not only as the moon, but as a Unitarian minister. So when you vote Monday, vote for me — or don’t vote at all. Quack, quack, quack.

I fell in love with Caltech when I came to it to reaffirm, and everything I’ve seen of Tech since then has confirmed that impression. The people here are the greatest; I haven’t met anyone I don’t like. The student body it a real system really works. Students and faculty work together to create a truly top-notch campus. I’m impressed, and I’d sincerely like to become more closely involved. I look at this as an opportunity to get to know more people. I hope some of my humble ideas for making Caltech even better, and to get something back to this place that’s giving me so much. I know the ASCI BoD and the UROH will require a lot of time and dedication, and I’m looking forward to it. I take my responsibilities seriously, and I work very hard, and I think you’ll be pleased with the job I’ll do. Please take a few minutes to vote Monday, and consider voting for me.

**Meg Crocker**

Hi folks: I’m Meg. I’m a freshman, so some of you may not know me. I came to Caltech from North Carolina to study physics. Physics is a beautiful science. I really love it, but I’m not quite ready to sell my soul to it yet. I also love to dance and meditate and to talk to strangers in the street. I love cooking and cleaning and mountains. I love playing Ultimate, DOOM, and really loud music. When does a physicist ever get to do any of that? “Look guys, I’ve solved the solar neutrino problem, let’s party!” So maybe I am experiencing some doubts about my prospective career right now. I’ve never doubted my decision to come to Caltech.
**Anti-Crossword**

This is the "Anti-crossword." Whatever the clues are, they’re not the answer — just the opposite.

**Across**
1. Quail?
2. Right
3. Good
4. Koran
5. Ones
6. Throat
7. All
8. Falstaff
9. Sadden
10. Mirror
11. WSW
12. Uncurse
13. Mirror
14. Koran
15. Ones
16. Throat
17. All
18. Falstaff
19. Sadden
20. Mirror
21. WSW
22. Uncurse
23. Mirror
24. Koran
25. Ones
26. Throat
27. All
28. Falstaff
29. Sadden
30. Mirror
31. WSW
32. Uncurse
33. Mirror
34. Koran
35. Ones
36. Throat
37. All
38. Falstaff
39. Sadden
40. Mirror
41. WSW
42. Uncurse
43. Mirror
44. Koran
45. Ones
46. Throat
47. All
48. Falstaff
49. Sadden
50. Mirror
51. WSW
52. Uncurse
53. Mirror
54. Koran
55. Ones
56. Throat
57. All
58. Falstaff
59. Sadden
60. Mirror
61. WSW
62. Uncurse
63. Mirror
64. Koran
65. Ones
66. Throat
67. All
68. Falstaff
69. Sadden
70. Mirror
71. WSW
72. Uncurse
73. Mirror
74. Koran

**Down**
1. Rick and Michael
2. Round
3. Unready
4. 29-Down
5. Positive
6. After
7. Around
8. Rosemary, parsley, and sage
9. The light side of the moon
10. Predecessor
11. Command-R
12. Raspucin, e.g.
14. Ahead?
20. Wrist
22. Well
24. Saw
25. Condemn
28. Confession
29. 4-Down
31. Tunnel
32. Bring up for debate
35. Theater release
36. "We're fine..."
37. This
38. Mend
40. Tomorrow
41. Windows
43. Dishonest guy
44. In the black
45. Quite
46. Ga.
47. Franc
50. NCB?
52. Incomplete
54. Right
56. Ribosomes, messengers, and transfers
57. Aisle
60. Analog
61. Analog
64. Bored
66. Married name
68. Data

Positions for the Young Engineering and Science Scholars Program (Y.E.S.S.) are available for Summer '95 in the following areas:

- Instructor for Biology
- Teaching Assistantships in Physics, Biology, and Geology
- Head Counselor

Y.E.S.S. is a five-week residential program that exposes 40 high schools students to the joys of intensive scientific investigation.

The program runs from July 10th to August 11th.

Applications are available in the Caltech Y, and are due on Friday, February 17th.

Contact Athena at x6321 or through e-mail at: castroa@starbase1 for more information.
to the possible elimination of the USGS.

He explained that there has been no formal response from the congressional leadership on this issue, but that over the next thirty days, there are two possibilities that might destroy the USGS. First, the “Sudden Death” option: the Budget Committee can say that the total allotment “excludes the USGS” and other proposed scientific cuts. Alternatively, the Appropriations Committees could simply zero out their budget allotments. If either of these occur, it is very difficult for the President to respond, as it is hard to simply look through the entire budget, much less respond to three individual lines. When he was asked “Realistically, how much danger is [the USGS program] in?” he replied that the “Contract with America” would kill it. These arguments used in favor of abolishing government funding of the USGS is that “In a best case so far, they say that you will have an earthquake in fifteen seconds! And we are spending billions for seconds!” There are faults with this viewpoint; as mentioned above, the bulk of information is on how proce, an area is to earthquakes, and how best to build areas to survive quakes, as well as better response to them so that the damage is minimized.

The Secretary went on to describe his impression of science at Caltech (in his own words, “Let Anarchy Reign!”), and how he felt this analoized to science in the United States so important in science. That there is independence and spontaneity; that there is no overriding commitee deciding in favor. That the varius agencies of science and government should be partnerships work to help each other, not one ruling over the other.

Secretary Babbitt seemed pleased at what he had seen at Caltech, and extended concern at what may happen if the current path in Congress is not changed. The elimination of several science and research programs has a great chance of being cut in the next month. For both Caltech and the rest of the United States, it seems the next budget will make many people anxious to see which programs are cut, and which will be allowed to survive.
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Notices

The Department of Physics and Astronomy states that undergraduate students pursuing an honors degree in physics may be required to take an additional course, 199 credits at the undergraduate level, in order to fulfill the requirements for honors credits. The course should be selected from a list of approved courses. This list will be available from the Department of Physics and Astronomy.

The Institute of Technology announces that undergraduate students interested in participating in the Student Research Program should apply by the end of the semester. The program is open to students in all departments, and applications should be submitted to the Office of Student Affairs.

The Mathematics Department announces that undergraduate students interested in participating in the Summer Research Program should apply by the end of the semester. The program is open to students in all departments, and applications should be submitted to the Office of Student Affairs.

The Chemistry Department announces that undergraduate students interested in participating in the Research Program should apply by the end of the semester. The program is open to students in all departments, and applications should be submitted to the Office of Student Affairs.

The Physics Department announces that undergraduate students interested in participating in the Research Program should apply by the end of the semester. The program is open to students in all departments, and applications should be submitted to the Office of Student Affairs.

The Economics Department announces that undergraduate students interested in participating in the Research Program should apply by the end of the semester. The program is open to students in all departments, and applications should be submitted to the Office of Student Affairs.

The English Department announces that undergraduate students interested in participating in the Research Program should apply by the end of the semester. The program is open to students in all departments, and applications should be submitted to the Office of Student Affairs.

The History Department announces that undergraduate students interested in participating in the Research Program should apply by the end of the semester. The program is open to students in all departments, and applications should be submitted to the Office of Student Affairs.

The Political Science Department announces that undergraduate students interested in participating in the Research Program should apply by the end of the semester. The program is open to students in all departments, and applications should be submitted to the Office of Student Affairs.

The Sociology Department announces that undergraduate students interested in participating in the Research Program should apply by the end of the semester. The program is open to students in all departments, and applications should be submitted to the Office of Student Affairs.

The Psychology Department announces that undergraduate students interested in participating in the Research Program should apply by the end of the semester. The program is open to students in all departments, and applications should be submitted to the Office of Student Affairs.

The Biology Department announces that undergraduate students interested in participating in the Research Program should apply by the end of the semester. The program is open to students in all departments, and applications should be submitted to the Office of Student Affairs.

The Environmental Studies Department announces that undergraduate students interested in participating in the Research Program should apply by the end of the semester. The program is open to students in all departments, and applications should be submitted to the Office of Student Affairs.

The Mathematics Department announces that undergraduate students interested in participating in the Research Program should apply by the end of the semester. The program is open to students in all departments, and applications should be submitted to the Office of Student Affairs.

The Chemistry Department announces that undergraduate students interested in participating in the Research Program should apply by the end of the semester. The program is open to students in all departments, and applications should be submitted to the Office of Student Affairs.

The Physics Department announces that undergraduate students interested in participating in the Research Program should apply by the end of the semester. The program is open to students in all departments, and applications should be submitted to the Office of Student Affairs.