Attention All Undergraduates!

On Monday, January 23, 1995 you will have the opportunity to elect a new ASCIT President and a new ASCIT Vice-President/BOC Chair. The candidates for President are Chris Marsh and Jonathan McDunn; and the candidates for VP/BOC Chair are Ricky Carson, James Honaker, Jeff Kirshberg, and Chris Walker. Each candidate will have the opportunity to present a statement to the Tech, so look for them in this edition.

In addition there will be five proposed by-law amendments and one Caltech Y referendum on the ballot, the contents of which are included in this edition as well. Any questions regarding the procedures or any other aspect of this election can be directed to Cedric Hobs, Election Chairman at 568-0001 or cedric@caltech.edu. Also, anyone interested in assisting the Election Committee in balloting-counting should contact Cedric. Remember, the more votes, the better. And good luck to each of the candidates.

ΣΣ Gets New Inuctees
by Suzanne Cummings

Alumni House was the setting for the initiation ceremony to honor 13 new student Associate (Student) Members of Sigma Xi, the Scientific Research Society, on Friday, January 13, 1995. The new members are: John Joseph Carrasco, Jeremy Darling, Joe Hurtado, Lin Jia, Roshan Kumar, Michael Ru, Ken Walsh, Ji Zhang, and Jian Zhang. The ceremony included Gary Lunden, Vice President for Student Affairs (Caltech chapter president), Dr. William Whitney of JPL (chapter secretary/treasurer), Dr. Fred Shaw of JPL (past president of the Caltech chapter), and Carolyn Merkel, Director of SURF and Suzanne Cummings, Assistant to the Dean of Students. Sigma Xi is a national honorary society of research scientists. The society has chapters in virtually all science-teaching colleges and universities in the U.S. and in many governments and industrial laboratories. The Caltech chapter grants an annual prize, the Sigma Xi Award, for outstanding research. The chapter has in the past contributed funds to pay travel costs for students going to NCUR, helped undergraduate students conduct outreach programs at local schools, and has on occasion sponsored talks at Caltech by speakers from outside the Caltech community. In the future the chapter hopes to do local Sigma Xi activities in more closely with undergraduate research at Caltech.

Congratulations to the new members of the Caltech chapter of Sigma Xi!

Caltech Jazz Bands Bring on the Heat with Saturday Concert

by William Bing

Gregg Bissonette, a drummer who has performed with artists such as David Lee Roth, George Benson, Hendrix, and Buddy Rich, is presenting a free concert with the Caltech Jazz Bands this Saturday night in Beckman Auditorium at 8 PM. Gregg is a clinician for the Slingerland Drum Company, and has been featured in many other recording and publications, and has two drum videos of his own. He was one of a select group of drummers that played in a video tribute to Buddy Rich.

The Caltech Jazz Bands have been around for a long time; they have won first-place awards at major jazz festivals and have played for sold-out audiences at the local jazz club, “The Baked Potato”. The Jazz Bands (there are two) moved their concerts to Beckman Auditorium when their audiences outgrew Ramo Auditorium. The bands are directed by William Bing, who has been teaching at Caltech for 20 years. Bill, along with his wife Delores, who directs the school band, were recipients of the 16th Annual ASCIT awarding. The bands and their concerts are sponsored by Caltech’s Office of Student Affairs. They recently released their first CD, Easternhues Jazz, which is available at the Caltech Bookstore, Tower Records, and Poobah Records in Pasadena.

The guest solist on the CD is vocalist Angie Whitney, who has sung with the band on many recordings, and was a natural for the job. She sings on three of the cuts, and has received many compliments on her performances, especially her rendition of the standard “Stormy Weather”. She also sings a mean blues.

The CD also features world-premiere recordings. Three of these premiers were written by Joe Curiale, a composer for many well known artists, including Michael Jackson and Kenny G. Joe is also a former writer for the Tonight Show Orchestra, and recently donated his entire big band library to Caltech. There are many students featured on the CD as well. Phil Surnot plays a beautiful version of Gershwin’s “Someone to Watch Over Me”, and Ken Lee, Jeff Bramel, Rustan Leino, James Dooley, Tom Lloyd, Missy Richmond, Marc Hillmyer, Susan Paulson, Erik Dyrud, Jean-Paul Davis, and Gary Lewkowitz are featured as well. However, it is the total effort of everyone in the bands that makes the CD such a success.

The project has been in the making for a long time. The Jazz Bands recorded at Kingsound Studios, a state-of-the-art sound studio in North Hollywood, over a two day period. The sound engineer, Eddie King, produced the digital masters with a 36-track mixboard. Some of the members had been to the studio before to record informally, but no one had had any experience recording a CD. The session went well; most of the recordings were completed with only a few “passes” at each piece, and one of the recordings was done in one take — no cuts.

The CD has been selling well and the band hopes to sell out so they can record another one.
Opinion: What to Do About Double Majors?

by Flora Ho

As ASCIT Director for Aca­
demic Affairs, I would like to bring to the attention of Tech readers an issue of an academic-related controversy that arose last week: Should double ma­jors be allowed to count courses cross-listed with courses in their second major towards fulfill­ing requirements in both op­tions? Although the conse­quences of the decision not to dis­cuss this question until next term is clear, it is not until last Wednesday that a disgruntled senior was told his senior exit interview that he had not fulfilled all the re­quirements of his chosen first major and that he would need one set of courses to satisfy the requirements of his first major and another set of courses to satisfy the requirements of his second major. It is a decision that will affect at least one student per term, and the costs of that decision will be borne by all students who are involved in the decision-making process.

The senior in question was a senior majoring in Biology and Chemistry. He had chosen to major in Biology and Chemistry because he was interested in the field of biochemistry and wanted to pursue a career in biological medicine. He had satisfactorily fulfilled all the requirements of the Biology major, but he needed one set of courses to satisfy the requirements of the Chemistry major.

In the past, students have been allowed to double major without fulfilling all the requirements of both majors. However, in the past, the process of double majoring was more informal. The student would have to inform his or her advisers of the decision to double major, and the advisers would then determine if the student had fulfilled all the requirements of both majors. The process was not as formal as it is now.

The senior in question had fulfilled all the requirements of the Biology major, but he had not fulfilled all the requirements of the Chemistry major. He had taken all the courses required for the Chemistry major, but he had not fulfilled the requirements of the Biology major. He had taken all the courses required for the Biology major, but he had not fulfilled the requirements of the Chemistry major.

The senior in question was not the only student who had faced this issue. Other students had also faced this issue. The senior in question was one of the few students who had faced this issue, but he was not the only student who had faced this issue. The senior in question was one of the few students who had faced this issue, but he was not the only student who had faced this issue.

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Health Week 1995
by Angie Marie Bealco

Feeling sick? Feeling tired? Feeling stressed? Well then take some time out of your busy week to wipe away your worries and see what's up for health week! It's all free and it's guaranteed to work wonders no matter what may be ailing you. It all starts on January 21. The following programs will be offered and the entire Caltech community is welcome to attend any or all of the events.

Safety Program: Reducing the likelihood of becoming a crime victim.
Monday Jan. 23rd 12:00-1:00 pm Clubroom 1 Phyllis Cohen, Greg Henderson

What to do when someone you love tells you they are gay, lesbian, or bisexual.
Tuesday Jan. 24th 7:30 pm - ? Y Lounge Alimee Ellicott, Jon Pederson, Sue Bunker

Nutrition Program: 1995 - No more dieting (brown bag lunch)
Wednesday Jan. 25th 12:00-1:00 pm Clubroom 1 Phyllis Cohen, Rene Crenge

Eating Healthy: Learn how to eat healthy and live for the new year.
Wednesday Jan. 25th 7:00 - 9:00 pm Winni Fette Lounge Dinah Schaller, Denise Gabaldon, Denise Schafer

Noon Time Concert: Vanishing Violet
Thursday Jan. 26th 12:00 - 1:00 pm Winnit Plaza Chris Sundberg

Self-Defense Training for Women
Learn valuable tools to help keep women safe.
Thursday Jan. 26th 5:00 - 9:00 pm Winnit Lounge Beverly Kenworthy, Leslie Bachian

Personal Safety Self-Defense Training for Men
TBA Beverly Kenworthy

Women's Issues: Hormone Replacement (brown bag lunch)
Friday Jan. 27th 12:00 - 1:00 pm Women's Center Lounge Phyllis Cohen, Kathleen Baltke-Schulweis

Health Fair
Over 3 booths from the Pasadena and Caltech Community will be featured. Such booths as blood pressure checks, earthquake preparedness information, fire safety and much more.
FREE FOOD SAMPLES WILL ALSO BE AVAILABLE.
Friday Jan. 27th 12:00 - 3:00 pm Winnit Plaza Dinah Lee Schaller

Family Night
Program for children age 2 - 12. Activities include games, face painting, and a clown. Healthy snacks will be served.
Friday Jan. 27th 5:30 - 7:30 pm Winnit Lounge Kate Fingam, Parandeh Kia, Phyllis Cohen

Massage Demonstration by Wild Oats
Friday Jan. 27th 7:30 - 9:00 pm Braun Gym Aerobics Room
Angie Bealco, Chris Sundberg

Chantry Flats Hike
LUNCH WILL BE PROVIDED
Saturday Jan 28th 12:00 - 3:00 pm Sign up by 2/8

Seasles Death
Enjoy the comedy storytelling of this Caltech Improv group. REFRESHMENTS WILL BE SERVED
Saturday Jan 28th 2:30 - 7:30 pm Sign up by 2/14

ASCP MOVIE NAIR MOVIE
On Saturday, Jan. 20

BAXTER LECTURE HALL AT 7:30 AND 10:00 PM
$1.50 ASCPT
$2.00 NON-ASCPT

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Director: Zhang Yimou

LAemmle Theatres
COLORADO
2588 E. Colorado Blvd. (888) 765-9004
Monika Treut
Clara Law
Lizzie Borden

EROTIQUE
Daily 2:30, 5:30, 8:30 pm
Sat-Sun Regular Matinee 12:30 pm
Sat-Sun Regular Matinee 3:30 pm
Politics of Cancer
Fri 9:30 pm
Sat-Sun 12:00 pm

From your Crazy Tech Editor
I'd like to thank Dave Smith, who came into the office at random and helped out. Cool. We've going to try to make more of these, so DON'T SEND IN STUFF LATER! Not like anyone listens to me anyway...muhahahahahah! Back to business as usual...

Editor's Corner

Deadline for Submissions to The Tech
Letters to the Editor - 5 p.m. Monday
Events and Notices - 5 p.m. Tuesday
Unsolicited Articles - 5 p.m. Tuesday
Regular/Semi-Regular Columns - 5 p.m. Tuesday
Articles, News Submissions - 5 p.m. Tuesday
Art/Photo Submissions - 5 p.m. Wednesday

Internet Talk

by Zackary Berger

Have you used the Internet at all? Do you even know what the Internet is? Can you, in fact, pronounce the word "Internet" without passing out from the effort? You would have been substantially overqualified for Wednesday night's Ernest C. Watson Lecture by Dr. Roy Williams, entitled "Infinite Information on the Internet."

Williams bangs his scientific hat at the top of a fine lecture. Supercomputing facilities as a practicing computer-slimmer; in particular, said the program notes, he researches "parallel adaptive unstructured meshes and algorithms for computational fluid dynamics." His presentation, however, was not so impressively articulate, rather basic tour of those services and media available on the Internet. The talk was similar in tone to the Amchair Auditorium lecture: let us see, says the lecturer to his elderly audience, what whimsy foreigners are engaging in nowadays. In this way the foreign is made less strange. And with a few jokes and wry asides, Williams performed an analogous service for those folks behind the curve of technological innovation—rendering accessible the avant-garde, emphasizing the wacky and charming over the terrifyingly new.

Indeed, while tidiously elementary for all but the most infrequent computer-and-mortem, Williams' talk performed an important service in emphasizing the "conventionality" of the Internet, its similarities to other long-accepted forms of communication. For far too long (the past year or two) we have been bombarded with breathless missives from the Net—take (please) Newweek's Cyberscope, which has as its mission the heedless celebration of bandwidth waste. Such boosterism operates on the assumption that whatever's on the Net is new and therefore worthwhile. This view isn't justified, at least for the moment. Sure, watching a frog on your Spacetime isn't fun. But why not go outside and find a frog and watch it for real?

Williams, therefore, made in passing what seemed to be the most important point of his talk: that these devices receiving the name of spreading out on the Net are those which owe most to the (obsolescent) technology of the printed book. He laid out four "paradigms" of the Internet: simple e-mail; network chat and systems; Telnet and ftp; and Web, Gopher, and their ilk. Of these, only Telnet and ftp are forbiddingly opaque in a way unique to the binary world—they require (relatively) compulsions orders that are alien to the normal non-user.

The other elements of the Net, Williams pointed out, are in their essence not all that new. E-mail is just the regular lick-and-stick mail we grew up with, only ginned up a bit. (Those "emotions," etc., etc., are added on to communiques for the supposed difference of the medium are really manifestations of authorial laziness.) Chat systems rely on human beings' natural sociability (CB radio comes to mind).

Most wowed over these days is the World Wide Web. But this is based on hypertext, which in turn is an extension of textual commentary and footnoting that has been with us for hundreds if not thousands of years. If you look at a text on the Web, you can find links to servers around the world concerning hundred of different subjects. This is something to marvel over, to an extent. But pick up any halfway decent commentary on the Bible and you will find the same: dozens of authors separated by centuries and oceans using wildly varying means of approach to the same "site," or text. ("Text" itself, a very old word, means "weave"—a pattern of links, a structure of connections. In short, a web.)

So what Williams might have been hinted at with the new lexicon, and even some responsibility, not to overestimate the newest of a medium we've been using for centuries. (One that lies behind whatever is created true and lasting. Why is TV so damn bad?) Because among the initial developers of the sitcom, for instance, there was no one who had a vested interest in the preservation of the medium's integrity—it was a blank slate, you see, and not worthy of thought. Many people act now as if the Net is perfectly new and sticky, like a piece of flypaper; anything thrown at it will adhere. And that is fairly true, at least for the moment. However—once the day the Net will lose its natural, technological stickiness, and only worthy contributions will be left behind.

That is: if the Net (as gaggles of pundits are suggesting) is to be the foundation for the next millennium, those who use it and create for it should act as if they are building a foundation. In his last sentences, Williams reminded his audience that we model our electronic societies on real counterparts. The former will never be sufficiently developed to be divorced entirely from latter—yet our thoughts and expectations are increasingly affected by our digital constructs. This, of course, can only mean that we must be more careful about what we do and say around each other. For our moral and aesthetic standards are reflected in our communications, which are reflected in us, which are reflected again and again, back and forth, into infinity— or until CCO goes down again while recording your keystrokes.
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Friday, February 17, 1995
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Chris Marsh:

Hi. As you probably know by now, I am running for the ASCIT presidency. Student government is changing pretty fast these days, and as presi­dent I would like to take on the challenge of making sure that when the dust finally settles, you are better off. As a candidate, I feel I have several fac­tors which would make me an excellent choice for presi­dent; among them are good working and personal ties with the school's administrators and current and prospective house presidents. More perti­nent than this, however, is my proven track record of using these avenues to quickly and correctly accomplish the duties with which I am charged, an example being last year's ASCIT Formal. Serving on the current BoD has given me much more than this however: I have seen four presidents in the office, and, as such, have a very good feel for the respon­sibilities and commitments of the position. I also talk with quite a few people from around campus, and, subse­quently, have a fairly keen in­sight into the various student opinions on issues that will face us in the upcoming year. But all these things are mean­ingless unless you look at me all by myself, without any ties to what I have done or these assets I possess. I believe that I have the ability to react and to adapt positively as quickly as any situation can present itself, making me the clear choice for the position. I hope that you will grant me your vote on Monday. Thanks.

Jonathan McDunn:

This is an exciting time to be involved in student govern­ment. Last year's arguments about jurisdiction and repre­sentation have died down and ASCIT is serving again as a representative body. We are cooperating with both the IHC and BOC instead of working at cross-purposes. We have developed a rap­port with various members of the administration in the past four months, and as a result, I feel that undergraduate con­cerns are more adequately and fairly addressed than they have been in the past. The most obvious of these issues has been the administrative effort to preserve Steele House as the residence for the MOSH. An equally important issue has been the revision of the core curriculum and the pass/fail grading system. Although these issues are not yet re­solved, undergraduate input continues to be solicited, pre­sented and considered at ev­ery level including the Faculty Board.

These things coupled with the current evaluation of Student Affairs leads me to be­lieve that there could be sig­nificant improvements in the quality of undergraduate life in the next few years.

Here are just a few areas that I can think of where un­dergraduate input could make a difference in the next year: deciding the role of Avery House in the Caltech commu­nity, strengthening the under­graduate advisor program, building relationships be­tween the undergraduate community and the faculty, and evaluating how well vari­ous Caltech offices (e.g., the Bookstore, Career Develop­ment Center and Health Cen­ter) serve the needs of the un­dergraduate community.

I feel that in my term as ASCIT President I have fo­cused the BOD on addressing issues relevant to the student body as a whole. Questions about reforming the BOD structure and procedures are still being addressed, however, they have taken a backseat to more pressing issues (e.g., Steele House and the Core Curriculum). I hope that these things will continue to be ad­dressed in the future, but not at the exclusion of either day­to-day business or long-term goals. Hopefully it is clear that I am seriously running for re­election (yes, next year will be more, with you) and that I really care about the future of under­graduate life here.

I hope that you consider these things when you vote on Monday for ASCIT President. Thank you.

Ricky Carson:

I believe that the Honor System is our most valuable in­stitution. Trust and respect be­tween members of the Caltech community gives us a degree of freedom not found else­where. However, the numer­ous benefits we enjoy under the Honor System are not without responsibilities. Ev­eryday government. As the commu­nity has an obligation to up­hold the standards of the Honor System, and it is the duty of the Board of Control to maintain and, in some cases, protect the rights of the undergraduate students.

More importantly, the pri­mary responsibility of the Board of Control Chairman is to ensure the continuance of the Honor System in the undergraduate student body. As a house representative on the Board of Control for the past year, I have had ex­perience dealing with Honor System issues. I have also served as a representative of the Board of Control on the ASCIT Committee on Stu­dent Government, and have worked closely with mem­bers of the ASCIT Board of Directors. In my current role, I want to continue to serve the undergraduate community by assuming the office of Board of Control Chairman and ASCIT Vice­President.

As a member of the ASCIT Board of Directors, I would work to represent your interests to the admin­istration and faculty, and to bring about improvements in student government. As Board of Control Chairman, I would endeavor to protect the privi­leges we enjoy un­der the Honor System, and to promote greater trust and respect in our community.

On Monday, I hope you will consider Ricky Carson for Vice President/Board of Control Chairman.

James Honaker:

The Honor Code makes life at Caltech what it is. With the Honor Code and the House System. Or per­haps, the Honor Code, the House System, and the type and sorts of people that Tech attracts.

Whatever the formula is, the Honor Code is an impor­tant element. I first joined the Board because I thought it was an important way to serve and I was fascinated to see how it really worked. Also because I was constantly be­ing told that the Honor Code was not what it used to be, that it was slipping, that it was beginning to fade. Profs seemed more distraught, stu­dents seemed more cynical, and the Administration acted as though it had never heard the words. Above all I wanted to help stop this ero­tion. Over the last two years, the leadership of Mike Brundage and Chris Bryant (and Dan and Zack) has helped the Board bring about increased faculty interaction, the new faculty handbooks being but one example, and stronger dealings with admin­istration and offices such as resident's life.

I think the changes that have taken place are visible all around. In dealing with Fac­ulty as a member of UASH, I have seen a Professor ex­plaining to the registrar how the Honor Code works and how it extends beyond aca­demics. As President of Blacker and a member of the IHC I have witnessed an in­creased cooperation with the administration, for example, changes in security, and an in­creased willingness to gain student participation, through increasing the num­ber of representatives on sev­eral faculty-student commit­tees and allowing student de­legates to attend faculty board meet­ings.

I think the erosion is ending. I think it is time to work on reversing the pro­cess, to build back whatever trust has been lost, to regain the confidence that has been absent. This is what I believe I can accomplish. Please re­member to vote.

Jeff Kirshberg:

I've served on the BOC for a year, and have little or no opinion on the future or role of A.S.C.I.T. Frankly I'm sick of hearing people go on and on about A.S.C.I.T. this, and A.S.C.I.T. that. Blah, Blah, Blah . . . None of it mat­ters, because as far as I can re­member no one in student government has ever made a decision which has had jack to do with me. Bottom line: I'd make a great chairman for the Board of Control for three reasons. First, I'm assertive. Second, I have a good rela­tionship with the Deans. And third, not only do I know where the honor code applies, but I also know which issues fall outside the honor code!! And in the immortal words of Ty Webb, "A flute with no holes is not a flute, and a do­nut with no holes is a danish." FREE RICK JAMES!!

Chris Walker:

A Chairman of the Board of Control must possess two qualities: experience and pa­tience. The Chairman's pri­mary function is to guide the Board; he, with the aid of the Secretary, decides whether a case merits a full Board hear­ing; he provides the Board with an overall view of the case and may stress key points; in the event of a con­viction, he often sets reason­able guidelines for the nullifi­cation and protection pro­cedures; all this requires ex­perience. To ensure that all in­formation relevant to a case is available to the Board, that adequate deliberation among the Board members takes place, and that no decision is hastily reached requires pa­tience. Having served on the Board since spring of last year I have given me both the expe­rience and patience necessary to perform competently as Chair; please vote for me.
Proposed ASCIT Bylaws Amendments

The following five amendments to the ASCIT Bylaws will be voted on as part of the ASCIT Plenary Election on Monday, 23 January 1995. These amendments are the result of efforts over the past few months to improve ASCIT operations (e.g., making workflows more efficient, improving oversight of services and publications, and clarifying responsibilities). They are being voted on at this time so that they will take effect if passed in time to benefit the current fiscal year.

Key:
- Text Added
- Text Unchanged
- Text Removed
- Description of Change: ‘...’ = remainder of sentence unchanged

AMENDMENT #1 Proposed by BoD (7-0-0) on 15 January 1995

STRENGTHEN AND RENAME THE EDUCATIONAL POLICIES COMMITTEE

* Edi ARTICLE IV-OFFICERS, Section 6, to modify the name of the committee:

** Edi ARTICLE XII-COMMITTEES, edit Section 5 to modify the membership of the committee and to strengthen its responsibilities:

** Edi ARTICLE XIV-PUBLICATIONS as follows:

He procedures similar to the elec­

The Treasurer shall receive and present to the Board of Directors term and annual

The Pennsylvania State University, University Park.

He/She shall also be

The Treasurer shall receive all money belonging to the Corporation, shall deposit it to the credit of the Corporation in such bank or banks as the Board of Directors shall determine. He shall keep a full account of money expended and received and shall make a report of such account once a term at a regular meeting of the Board of Directors, and at such time as the Board of Directors may desire. He shall have the Corporation books audited as soon as possible after the close of the previous fiscal year. He shall present written and annual reports of all ASCIT publications, for publication financial reports:

6, January 20, 1995

The California Tech

The Growth Potential

It started with a vision about propelling business into the information age. Then took off with the world’s first relational database. It’s now a two-billion-dollar, enterprise-wide software solutions company that keeps growing at about 25% a year – with new products, bold technological strategies, and a big head start down the information superhighway.

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This amendment clarifies that financial reports be submitted to the Board of Directors through the Treasurer so that he can check that the information is complete.

A change is made to Article IV, § 5, in order to give the Treasurer and the Board of Directors forecasting of financial problems.

With this information, the Board can work on minimizing the damage instead of having to cut out the public's waste due to daily decisions.

**AMENDMENT #3 Proposed by BoD (5-1-0) - 15 January 1995**

CREATE THE OFFICE OF DIRECTOR FOR SERVICES, REPLACING THE UPPACRASS DIRECTOR-AT-LARGE.

- **Edit ARTICLE IV-OFFICERS as follows:**
  - In Section 1, rename the Upperclass Director at Large to Director for Services:
  - In Section 2, rename the office of Upperclass Director at Large to Director for Services:
  - In Section 3, the Athletic Manager shall be the Chairman of the ASCIT Athletics Committee.
  - In Section 4, the Athletics Committee is responsible for overseeing the operations of all non-publication services provided by the corporation to the membership.

**RATIONALITY**

This amendment replaces the Upperclass Director-at-Large with the Director for Services, who performs many of the same duties as the Upperclass Director-at-Large. In addition, the Director for Services is responsible for overseeing the operations of all non-publication services provided by the corporation to the membership.

At present, many of the services (e.g., ASCIT Movies) do not have oversight, except by the Board of Directors as a whole.

**AMENDMENT #4 Proposed by BoD (6-0-0) - 15 January 1995**

**CLARIFY THE RESPONSIBILITIES OF THE SECRETARY**

- **In ARTICLr IV-NOFFICERS, modify Section 5 as follows to clarify the duties of Secretary:**
  - The duties of the Secretary shall include:
    - Keep the records of the corporation.
    - Make sure that all meetings are held in proper accordance with the bylaws.
    - Keep the minutes of all meetings.
    - Prepare the minutes of all meetings for approval by the Board of Directors.
    - Maintain a current list of the officers and members of the corporation.
    - Make sure that all amendments to the bylaws are filed with the Secretary of the State.(No issue should be left unaddressed because the President is too busy to handle them.

**RATIONALITY**

It is importan to have the minutes of ASCIT and non-ASCIT committees (e.g. Faculty Board) readily available to monitor proceedings and issues which involve undergraduates. This amendment changes the Secretary with obtaining and maintaining these minutes.

The amendment also clarifies that the Secretary has the responsibility to oversee communications, the elections, and the archived records of the corporation. As with the Director for Services, this provision makes a liaison - the Secretary - between the Board of Directors and the membership.

**AMENDMENT #5 Proposed by BoD (7-0-0) - 15 January 1995**

CREATE THE SEPARATE OFFICE OF VICE PRESIDENT AND BOARD OF CONTROL CHAIRMAN.

- **Edit ARTICLE V-OFFICERS as follows:**
  - In Section 1, add a new subsection c to replace "Vice President" with "Board of Control Chairman".
  - In Section 2, add a new subsection d to replace "Vice President" with "Board of Control Chairman".
  - In Section 4, add a new subsection e to replace "Vice President" with "Board of Control Chairman".
  - In Section 5, add a new subsection f to replace "Vice President" with "Board of Control Chairman".
  - In Section 6, add a new subsection g to replace "Vice President" with "Board of Control Chairman".
  - In Section 7, add a new subsection h to replace "Vice President" with "Board of Control Chairman".
  - In Section 8, add a new subsection i to replace "Vice President" with "Board of Control Chairman".
  - In Section 9, add a new subsection j to replace "Vice President" with "Board of Control Chairman".
  - In Section 10, add a new subsection k to replace "Vice President" with "Board of Control Chairman".

**RATIONALITY**

This amendment creates the separate office of Vice President and of Board of Control Chairman. Both will be elected (the Vice President by the ASCIT membership and the BOC Chairman by all undergraduates) and serve on the Board of Directors.

The BOC Chairman is responsible for the Board of Control. The duties of the Chairman include enforcement of the Honor System and education of the undergraduate community about the Honor System. The Vice President is charged with assisting the President in the representation of ASCIT to the Faculty, Administration, and other groups (the President and Vice President will coordinate their activities to ensure that all bases are covered). With the President, he will be the major representative committees and ensure that the corporation runs smoothly.

When an office becomes vacant, (an election would be held for a new Vice President).

In the current system, the Vice President serves as Board Chairman and is responsible for the duties of that position. At present, the Vice President does not serve in the President in the event of a vacancy (he is required, however, to remain in those duties until an interim President is appointed).

**EXPLANATION - Amendment #5** 15 January 1995

CREATE THE SEPARATE OFFICE OF VICE PRESIDENT AND BOARD OF CONTROL CHAIRMAN.

The responsibilities of the Vice President include enforcement of the Honor System and education of the undergraduate community about the Honor System. The Vice President is charged with assisting the President in the representation of ASCIT to the Faculty, Administration, and other groups (the President and Vice President will coordinate their activities to ensure that all bases are covered). With the President, he will be the major representative committees and ensure that the corporation runs smoothly.

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**RATIONALITY**

Both offices of President and Vice President/Chairman are heavily burdened. The normal term of BOC/Chairman is four years, BOC/President from being as effective and proactive as possible and create problems when the presidency is vacated. The addition of a third officer should significantly lessen the burden on the President while freeing the BOC Chairman of the Vice Presidential duties. The number of issues which come up, such as the change to the class curricula and faculty handbook, ensure there will always be enough for the Vice President. Specifically, the Vice President is an ideal officer to coordinate the preparation for Faculty Student Conference.

Having the Vice President succeed into the presidency ensures continuity and a smooth transition, something lacking in the current procedures which specify the appointment of an interim President. It takes two weeks to elect a successor, usually a newcomer to the office who requires time to adapt. Recent events have shown the need for procedure to handle a presidential vacancy with minimal disruption to ASCIT operations and representation.

The Board of Control Chairman will be elected in the first election, and the BOC Chairman is elected second. Similarly, since the President is elected in the first election, the Vice President will be elected in the second election.

In the past, Presidents at Large have handled the enormous burden in different ways. Some have taken five years to graduate, others relied heavily on the grade of E, and few made time to attend Faculty Board and ASCIT Board of Directors meetings. These well-qualified and hard working officers had to make difficult choices under the weighty workload of the office.

**DUTIES OF THE VICE PRESIDENT**

- Assists the President in representation of ASCIT to outside groups
- Be available to handle important issues when the President is too busy with other tasks.
- Represent ASCIT, with the President, on major committees
- Coordinate the Faculty-Student conferences, including preparations and follow-
- Monitor ASCIT operations and ensure that publications, services, and activities run smoothly.
- Assure the duties of the President in his absence.
- Second the President in the event of a vacancy in that office.
- Have the power to sign checks.

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Last Week:

Literary Trivia

Apparently not enough of you were literary enough; only two people dared to enter the contest. The winner is Bob Nobi, who claims to have arrived at his answers without any research. Anyway, he will receive his new book as soon as I can figure out how to get it to him.

1. Two female names appear as books in the Old Testament: Ruth and Esther; two in the Apocrypha: Judith and Susanna.

2. Two of each animal were on Noah's Ark, according to Genesis 7:14-16; but look at Genesis 7:2-3, which numbers clean beasts and birds by sevens.

3. Sixty-four (!) parables of Jesus are in the Bible. Sherlock Holmes, at 221-B Baker Street, gets so much mail and packages that they are answered by a full-time secretary.

4. The character of Terrence Mann in the movie Field of Dreams was based on J.D. Salinger.

5. Antonio, not Skylock, was The Merchant of Venice.

6. Jules Verne. The item is described in Twenty Thousand Leagues under the Sea.

7. Ralph Ellison's Invisible Man is never named in the novel.

8. Percy Bysshe Shelley (poet) and Mary Wollstonecraft Shelley (author) were married.

9. H.G.Wells's The Invisible Man features a (literally) invisible man named Griffin.

10. Richard Wright's Native Son is Biggers Thomas.

11. Hamlet, Love's Labour's Lost, A Midsummer Night's Dream, and The Tempest of the Shrew are all Shakespearean plays that contain plays within them.

12. The lover is D.H.Lawrence's Lady Chatterley's Lover is Oliver Mellors.

13. Although the word "witch" appears many times in the stage directions, the dialogue of Macbeth only contains the word twice: "Atween thee, witch!" witch!" from I, 3, 6; and "Witch’s mummy" from IV, 1, 23.

14. Quasimodo was Victor Hugo’s The Hunchback of Notre Dame.

15. Hamlet may have the longest speaking part in any Shakespearean play (with 1,422 lines), but the character with the most lines is Sir John Falstaff, with 1,178 in Henry IV; Parts I and II, and an additional 436 lines in The Merry Wives of Windsor, for a total of 2,026 lines.

16. Alexander, the Magi," so there is nothing surprising about 518.7 cent in pesos.

17. Although all pseudonyms, by George, George Orwell (Eric Blair) was male. Both George Eliot (Mary Ann Evans) and George Sand (Amandine Lucie Aurore Dupin) were female.

18. James Goldman wrote The Lion in Winter, O.S.Williams wrote The Lion, the Witch, and the Wardrobe, George Bernard Shaw wrote Androcles and the Lion, and Irving Shaw wrote The Young Lions. The closest Kurt Vonnegut, Jr. even came was Welcome to the Monkey House.

19. Six finalists were then selected by the audience from the semi-finalists later confided that they had hurriedness was evident. A few of the audience from the semi-finalists later confided that they had removed sections of their presentation in order to finish on time. Presentations were not flawless; however, despite the occasional over-readiness that referred to "foreign topics, (sic)" the presenters were all enthusiastic and showed evidence of placing decent effort into their talks. Between the semifinals and now they had been "trained" on presentation skills by Mary Ann Smith. Questions from the audience were invariably handled well.

20. First place was awarded to Lin Jia, a sophomore in biology/chemistry, for her project presentation, "Iso- Quartets. The correct continuation is Kurt Vonnegut's Slaughterhouse-Five. A.A.Milne comes close with Now We Are Six, and Joseph Heller completely misses the boat with Catch-22.

21. Tom Clancy initiated The Hunt for Red October (or Red Storm Rising); Anthony Burgess created A Clockwork Orange; Fred Gipson owned Old Yeller; Tim Flagg had fried Green Tomatoes at the Whistle Stop Cafe; Toni Morrison showed The Blas­­ete Eye, and Alice Walker wrote in The Color Purple. Of these four, she considers these colorful metaphors detest you from noticing that The Blues Eye was the only work not adapted to a movie.
Gilbert

From Page 1

"Technology Transfer" is a new title at Caltech, and a half years. In fact, Gilbert insisted that it is actually closely with Mr. Gilbert. The new title will be "Technology Transfer" is a new title at Caltech, and a half years. In fact, Gilbert insisted that it is actually involving closely with Mr. Gilbert. The new title will be involved with Caltech's licensing and the Caltech community as a whole will benefit. This relationship between Caltech and industry will result in both new products and new companies.

Gilbert concluded with a three-point plan to improve Caltech's licensing, which he felt was "good" but in need of improvement. The three foci of his strategy for improving Caltech's licensing are the following: First, he intends Caltech to be involved in a "large amount" of industrial research; second, he plans to improve royalties to stimulate such involvement; finally, he intends to improve Caltech's "start-up" in such projects. It is evident that Caltech's licensing will be undergoing radical changes in the near future.

1. All submissions must be in by the Tuesday preceding the issue unless explicit instruction is given by the author(s) to the editor.
2. Submissions may not contain vulgarities. The editor has judgment on what constitutes a vulgarity.
3. Submissions must be turned in by mail, Macintosh disk, or fax to the editor. Most cartoons should probably belong in the Inside World.
4. Submissions must be in by the Tuesday preceding the issue unless explicit instruction is given by the author(s) to the editor, or taken exceptions to these rules.
5. The editor reserves the right to edit, shorten, disallow any submission unless explicit instruction is given by the author(s) to the editor. Most cartoons should probably belong in the Inside World.
6. The author must be part of the Caltech/JPL community. Certain waivers for alumni, friends of the community, etc. may be made at the editor's discretion.
7. The editor reserves the right to edit, shorten, disallow any submission, or take exceptions to these rules.

Guidelines for Submissions.

Submissions are generally creative works, such as narrative, fiction, drama, poetry, artwork, or photographs. Essays are encouraged to submit to The California Tech. Most cartoons should probably belong in the Inside World.

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The American Meteorological Society announces the availability of $15,000 in Fellowship/Undergraduate Scholarship competition. Full-time students who will be juniors, seniors, or graduate students in an area of applied science or engineering discipline (i.e., atmospheric or oceanic sciences) are eligible to apply. Applicants must be U.S. citizens or permanent residents. The awards are $2,000 each for four years. No experience required. For more information, contact: AMS Undergraduate Scholarship Program, 45 Beacon Street, Boston, MA 02108-4305. Applications are due by February 15, 1995.

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January 20, 1995

Janet Wiley

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The U.S. Train of Times has created a bonus program for students interested in gaining a graduate degree in bioethics. In addition, with a strong foundation in the premedical sciences, the student will be prepared for a career in industry, medicine, or research. The University of Colorado at Denver is currently accepting applications for the program. The program focuses on the ethical implications of advances in science and technology. Students will receive a certificate in bioethics and are prepared for careers in health care administration, law, or science. The University of Colorado at Denver is currently accepting applications for the program. The program focuses on the ethical implications of advances in science and technology. Students will receive a certificate in bioethics and are prepared for careers in health care administration, law, or science. The University of Colorado at Denver is currently accepting applications for the program. The program focuses on the ethical implications of advances in science and technology. Students will receive a certificate in bioethics and are prepared for careers in health care administration, law, or science.

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