

This Week's ASCIT Movie:  
**Strictly Ballroom**

Friday, 7:30PM and 11:00PM  
Baxter Lecture Hall



White to play and  
mate in two

answer on page 2

# THE CALIFORNIA TECH

VOLUME XCIX, NUMBER 29

PASADENA, CALIFORNIA

FRIDAY, MAY 22, 1998

## Class of 2002 Update

BY SHANNON STEWMAN

The number of students for next year's freshman class has been finalized at 260, according to Charlene Liebau, Director of the Admissions Office. The count is a record number in recent years, but is near the maximum size Admissions expects for an entering class.

According to Liebau, "we can reasonably expect [to lose] ten students whose plans may change over the summer." Last year nine students who accepted admission did not enter Caltech in the fall.

Next year's class is more diverse than previous years. Hispanic and Latin American students make up nine percent of the incoming class, an increase from the current five percent in the undergraduate body.

SEE FROSH ON PAGE 2

## Jazzing up Steele House Dessert With the MOSH

BY MONTGOMERY & CALLAHAN

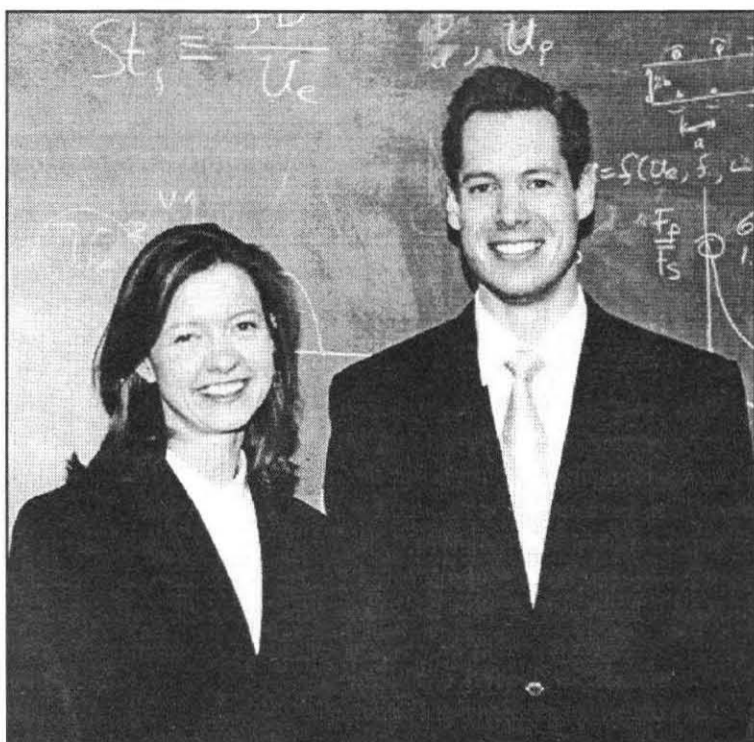
Jazz, sweets and good company livened up Steele House Thursday evening. The building, now used for offices, was host to the once-a-term Dessert With the MOSH. Students from on-campus and off arrived in droves to enjoy a sumptuous repast.

Among the best desserts were chocolate chip bars, brownies, Rice Krispy treats, chocolate strawberries, almond cheesecake with cherries, walnut spice cake, raspberry mousse, peanut butter cheesecake and chocolate & lemon bread pudding. These desserts disappeared quickly into the maws of hungry Caltech students, especially the chocolate covered strawberries which were eaten before the trays hit the table.

The Monday night Jazz Band filled the backyard with jazz standards, including "Fascinatin' Rhythm" and "In the Mood." Their melodies could be heard from half a block

SEE MOSH ON PAGE 2

## Hoeg, Waniewski win Business Plan Competition



Waniewski and Hoeg, founders of EndActive, Inc., and winners of the Hightower Competition.

BY TECH STAFF

Caltech alumnus and entrepreneur Glenn Hightower announced Hans Hoeg and Tricia Waniewski the winners of the

first Caltech Business Plan Competition at the Caltech/MIT Enterprise Forum on May 19. They were awarded both a \$10,000 check as an investment in their company, "EndActive,

Inc." and a letter of endorsement from the panel of judges for their business.

The competition, organized by the Industrial Relations Center and sponsored by Hightower, was designed to motivate people with marketable ideas to turn them into viable business plans able to withstand professional scrutiny and attract investor support.

Seven teams submitted executive summaries and business plans which were carefully reviewed by a panel with a wide range of business expertise and experience. The field was then reduced to four teams that made business presentations.

Hoeg and Waniewski, both PhD students in mechanical engineering, plan to build their business around a multi-directional viewing endoscope. This endoscope was developed by Hoeg under the supervision of Professor of Mechanical Engineering Joel Burdick, and in collaboration with Michael Levy,

M.D., Division of Neurosurgery at Childrens Hospital Los Angeles.

The rigid, articulated endoscope will greatly enhance surgeons' viewing capabilities and will be useful for a wide range of surgical procedures. "There is nothing out there like this," said Levy. Warren Grundfest, M.D., Laser Research Lab at Cedars Sinai Medical Center Los Angeles, added, "This new optical viewing technology promises to further extend the reach of minimally invasive surgical procedures. This means fewer open surgeries, less trauma to the patients, and overall better performance."

Hoeg and Waniewski plan to use the \$10,000 to attract more investments, and have already solicited four members for their Board of Directors. On behalf of the panel of judges, Hightower said, "This is an impressive achievement... we have every expectation that you will succeed."

## William A. Hewitt, Life Trustee of Caltech, Dies

BY CALTECH

The Honorable William A. Hewitt, a Caltech life trustee and a former U.S. Ambassador to Jamaica, died Saturday evening of a heart attack at his home in Rutherford, California. He was 83.

The former Chairman of Deere & Company in Moline, Illinois, Hewitt assumed leadership of the company following the death in 1955 of Charles Deere Wiman, the great grandson of John Deere Hewitt. Hewitt retired in 1982, and was appointed to the Jamaican ambassadorship by President Reagan. He served until 1985.

A native of San Francisco, Hewitt graduated from Berkeley in 1937 with a degree in economics and thereafter attended Harvard University Graduate School of Business Administration.

He was an officer in the United States Navy during World War II serving in the Pacific theater. Originally commissioned as an ensign, he

earned nine battle stars and four other medals, including the Presidential Unit Citation Medal, and left the service with the rank of lieutenant commander. After the war, he began his career with Deere & Company.

He was elected to the Caltech Board of Trustees on June 9, 1967 and became life trustee on October 25, 1991. During his 30 years on the board, he served on the audit committee, the buildings and grounds committee, the visiting committee for the division of Humanities and Social Sciences, and the visiting committee for the Division of Biology. In addition, he was a life member of the Caltech Associates and a member of the President's Circle in 1986-87.

In addition to his Caltech affiliations, Hewitt was also a member of the visiting committee for East Asian Studies at Harvard University and a member of the Stanford Research Institute Council during the 1970's. His civic affiliations in-

SEE HEWITT ON PAGE 2



Musicians in Dabney courtyard break out their instruments for an impromptu jam session.

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# The Outside World

by Myfanwy Callahan

**JAKARTA, INDONESIA** — After holding power for 32 years, President Suharto resigned from office Thursday following riots and protests in recent weeks which culminated with calls for his impeachment. Vice President B.J. Habibie has filled the office. Eleven members of Suharto's Cabinet who handled economic policy also resigned in light of the economic crisis facing Indonesia.

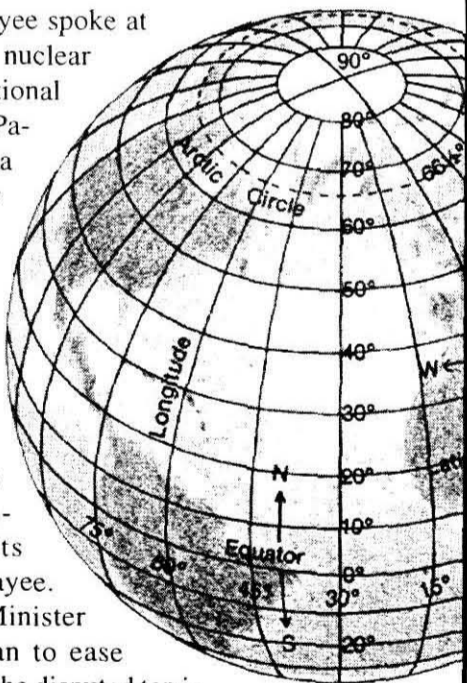
**BELGRADE, SERBIA** — The Yugoslav Parliament appointed Momir Bulatovic Prime Minister despite Montenegro's protests that it will boycott the Government. Montenegro and Serbia are the last republics in Yugoslavia. The debate revolves around whether Yugoslavia should become a market-driven democratic state, as reformers in Montenegro wish, or follow the recent communist structure.

**MOSCOW, RUSSIA** — President Boris Yeltsin faces yet another impeachment vote due to a series of troubles wracking Russia. The market faltered, with prices falling 12% Monday, demanding a half million dollar effort by the Central Bank to steady the ruble. Striking miners in the Kuzbas region have held up rail traffic preventing 300 cargo trains and 120 passenger trains from reaching their destinations.

**NAIROBI, KENYA** — Eritrea and Ethiopia, former allies eight years ago, have amassed thousands of troops to attack each other. The leader of each country has accused the other of invading a 250-square mile area called the Yigra triangle which the two countries border. The Ethiopian Foreign Minister stated his country would take "necessary measures" unless Eritrea immediately withdraws its troops.

**NEW DELHI, INDIA** — Prime Minister Atal Bihari Vajpayee spoke at the site where recent nuclear tests sparked international concern, saying that Pakistan should adopt a more conciliatory tone, considering India's new weapons. "We want peaceful co-existence but the frequent threats to security forced India to conduct the nuclear tests to silence its enemies and show its strength," said Vajpayee. The Indian Home Minister also warned Pakistan to ease pressures on India in the disputed territory of Kashmir or face a "pro-active response".

**WASHINGTON, D.C.** — As the Asian economy continues to fail, the United States' monthly trade deficit reached a new high of \$13 billion. The Asian crisis has weakened American exports, hurting many manufacturers and farmers.



BY KIM WEST

**Samantha Foster**, a graduating senior and member of Blacker House, is this year's recipient of the Residence Life and Masters Award. This award recognizes contributions to the quality of student life in and around the student houses.

## Frosh...

CONTINUED FROM PAGE 1

Similarly, African-Americans are three percent of the matriculating class, compared to one percent of the current student body.

International students have also increased to twenty-three (from fourteen) in next year's sophomore class. The incoming Asian population only makes up sixteen percent of the class, compared to the twenty-eight percent of the student body.

Rising acceptances have been seen across the country this year. Each of the Claremont Colleges overfilled; MIT has a more than full class; and even UC Berkeley has a higher than normal acceptance rate than us, at 44.1%.

This year, Admissions accepted fewer U.S. nationals and permanent residents, and more international students. The applicant pool was also bigger; making the process more selective; only eighteen percent of applicants were admitted this year. Last year, twenty-six percent of the applicants were admitted.

Next year, Liebau anticipates a drop in the number of applicants admitted, adjusting to the acceptance rate this year. Admissions will continue its efforts to recruit women and minorities while maintaining current academic standards.

Answer to problem on page 1: Knight to King 4! This problem was first published in The Chess Review, and was composed by Geoffrey Mott-Smith, perhaps better known as one of the editors of "Hoyle's Rules of Games." With only 7 pieces on the board, it's pretty hard to imagine it as being a challenging problem, but it is.

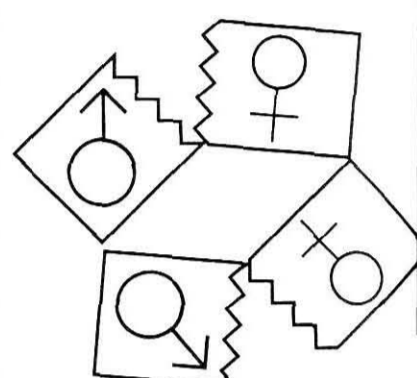
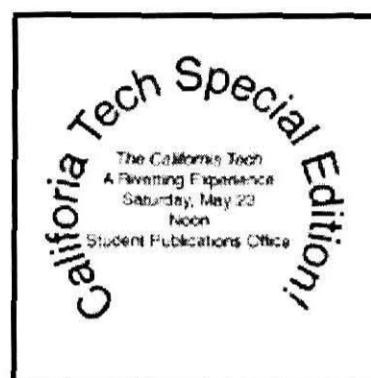
# Foster wins Residence Life and Masters Award

Sam's house activities included being a member of the social team, assisting with Rotation picks, and serving as vice-president. She was a student representative on the planning committee for the construction of Avery House and assisting in the selection of common area furniture. In addition, Sam has been an active member of the Caltech Y ExComm since her freshman year and an officer for 3 years. Mini-decompression and the Easter egg hunt were direct results of Sam's creativity and contributions.

Those of us who have had

the pleasure of working with Sam know her as hard working, committed, and a joy to be around. Described as optimistic and "constantly cheerful" by friends, Sam has a way of brightening any situation.

In a nomination letter recognizing Sam's important role in undergraduate life at Caltech, a friend described the most important contributions as "the little things she does on a daily basis...passing on hugs, advice, and laughter." What a perfect way to describe Sam - the successful student, the outstanding leader, the good friend!



## Hewitt...

CONTINUED FROM PAGE 1

cluded membership in the Smithsonian National Associates, the National Safety Council, the Museum of Modern Art, the International Council of the Asia Society, and the Council of the Americas.

He is survived by two daughters, Adrienne Deere Hewitt and Anna Deere Hewitt; a son, Alexander Southhall Hewitt; and six grandchildren.

## MOSH...

CONTINUED FROM PAGE 1

away, and probably teased the EEs slaving in Moore. One brave couple even danced East Coast swing to their last tune.

Students from all the houses were present, creating an excellent scene for the photographer present. He is taking pictures which more accurately reflect Caltech for the new viewbook, to be sent to prospective students. The update includes taking pictures of students after sundown and of decorated South House rooms.

## THE CALIFORNIA TECH

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LETTERS TO THE EDITOR

Commencement  
Music Change  
Intolerable

Students have been asked for numerous years their choice for commencement speaker. While in the past the suggestions may have been few and often unfeasible, this year's class has chosen a speaker that many students have strong feelings about, whether they be positive or negative. That alone should demonstrate the vested interest of the class of 1998 in their graduation ceremony.

Now another decision concerning a recent tradition at commencement has been made, but this time without consulting the students it concerns the most: those graduating. Handel's *Hallelujah Chorus* from *The Messiah* has been performed for all the years most of the graduates of 1998 have been here: the last six commencements, and thirteen out of the last fourteen. This year, it is being replaced with *Gaudeamus Igitur*, a song prepared by the Glee Clubs earlier this year for President Baltimore's inauguration. But none of the candidates for the degrees were asked their opinions before this change was made.

The argument was made that this change was due to the religious nature of the *Hallelujah Chorus*, likening it to a decision to pull the invocation from the ceremony this year. However, some misinformation exists about this decision and its likeness to the musical change. Students were asked, albeit informally via representatives in the undergraduate houses, whether or not

they would like to keep the invocation. Approximately 10 students voted strongly to remove the prayer, while numerous others remained indifferent. The commencement committee pulled the event. No students were consulted in the decision to change the *Hallelujah Chorus*.

Further, the invocation is not non-denominational, though the deliverer has a different religious affiliation each year. The problem that students opposed had was two-fold: some are uncomfortable with the nature of the invocation's speaker, while others are uncomfortable with a prayer of any sort. The *Hallelujah Chorus* is fundamentally different in nature from the invocation. Most students I have informally asked have no idea of the religious nature of the piece; they simply see it as rejoicing. In addition, the Glee Clubs and the other members of the Caltech community that join the Commencement Chorus have no religious affiliation, unlike the figures that perform the invocation each year.

In trying to make the students' wishes known, the issue of whose decision the choice of music belongs to has arisen. It seems to be the Commencement Chorus director's privilege to select the music. This does not make sense to me. In high school, the senior class was invited to make nominations for and then vote on the song

to be sung at graduation. We do have a Commencement Committee whose job it is to oversee various aspects of the ceremony. Why is the choice of music not that of the students for whom the ceremony occurs in the first place?

In terms of the debate over the two pieces themselves, I return to the students' perception of the *Hallelujah Chorus*. I and at least a few

feel this is an accurate representation of my feelings about my experiences here, nor do I see it as an accurate depiction of the school's attitude, nor does it stand as a testimony to the spirit of graduation. Musically, the *Hallelujah Chorus* is much more spirited and uplifting than *Gaudeamus*. The *Hallelujah Chorus* is much more familiar, and people just like it better.

Many of the Glee Club members I sang *Gaudeamus* with at the inauguration just flat out did not like the music or the text. I have personally looked forward to the performance of the *Hallelujah Chorus* at my graduation ever since I first heard it at graduation in 1995.

A final aspect of the choice of music at graduation has been the range of participation each piece allows. The *Hallelujah Chorus* is simple enough and familiar enough to be picked up in a few short rehearsals by singers. This allows all members of the Caltech community to participate in the Commencement Chorus, not just those who were in Glee Club that year. *Gaudeamus* is simply not familiar enough or musically easy

enough to allow anyone who did not sing it with the Glee Clubs this year to perform it at graduation. I think this is especially important to graduating singers that for some reason or another couldn't sing in their last year or term, like myself, allowing us to participate in our graduation ceremony. Some singers, myself included, are not singing at graduation only because of distaste for *Gaudeamus*, but there are other singers who will not be singing at their graduation because they don't know *Gaudeamus*.

There are petitions to have the *Hallelujah Chorus* at this year's commencement being circulated through the undergraduate houses. A graduating Ph.D. student has taken on contacting other graduating grad students. I urge graduating students to consider signing and asking for the *Hallelujah Chorus*. I urge the administration to listen this time when amazing numbers of students voice their opinions. Finally, I ask that the choice of music at graduation be given to the students through the Commencement Committee in future years, to make that graduation which we have all worked so hard for truly meaningful and ours.

Katie Stofer  
Class of 1998

Why is the choice of  
music not that of the  
students for whom  
the ceremony occurs  
in the first place?

others I have talked to view the *Hallelujah Chorus* as a jubilant, celebratory, rousing cheer that we have finished our tenure here and are happy to be moving on, yet also happy that we were here. *Gaudeamus* is unfamiliar to many more people, and is in an entirely different spirit: pompous and snobbish and stuffy and uptight. I don't

piece allows. The *Hallelujah Chorus* is simple enough and familiar enough to be picked up in a few short rehearsals by singers. This allows all members of the Caltech community to participate in the Commencement Chorus, not just those who were in Glee Club that year. *Gaudeamus* is simply not familiar enough or musically easy

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# Extra lengthy, extra sweeping: ASCIT's proposed bylaw changes

## Proposal Guido: Member Privileges

### THE CURRENT TEXT:

#### I.—PRIVILEGES OF MEMBERSHIP

SECTION 1. All members of the Corporation shall be entitled to:  
(a) The right to hold a Corporation office, in accordance with the provisions of these bylaws. (b) One vote in each corporate election. (c) One subscription to The California Tech, the CLUE, and the little t.

### CHANGE THIS TO:

#### I.—PRIVILEGES OF MEMBERSHIP

SECTION 1. All members of the Corporation shall be entitled to:  
(a) The right to hold a Corporation office, in accordance with the provisions of these bylaws. (b) One vote in each corporate election. (c) One subscription to all Corporation publications.

### RATIONALE:

There is no reason to keep a list of our publications in the bylaws. We will just have to keep updating this article.

## Proposal Meathead: Restructuring the Board of Directors

### THE CURRENT TEXT:

#### IV.—OFFICERS

SECTION 1. The general officers of the Corporation shall be the President, Vice President, Secretary, Treasurer, Interhouse Committee Chairman, Director for Academic Affairs, Director for Social Activities, and two Directors at Large. These officers, and those of Board of Control Secretary, Editor of the California Tech, and Secretary of the Academics and Research Committee, are elected officers.

SECTION 2. Only registered undergraduates who are Corporation members shall be appointed or elected to an office of the Corporation. If an officer ceases to be a registered undergraduate, he shall retire from that office. An officer other than the Vice President or the Board of Control Secretary may petition the Executive Committee for permission to continue. The Executive Committee shall evaluate his proposal to remain in office based upon the officer's intent and ability to continue fulfilling the duties of the office. If the Editor or Business Manager of the Big T or little t is not a registered undergraduate because he has graduated, he shall continue in office automatically until his work is complete.

SECTION 3. Office of the President: The President shall be the official representative of the Corporation, and he shall preside at its meetings. He shall be chairman, without vote unless a tie occurs, of the Board of Directors and a member of the Executive Committee. He shall have ultimate responsibility for proper observance of all responsibilities delegated to members of the Board of Directors. He must be either a junior or senior in the fall term immediately following his election.

SECTION 4. Office of the Vice President: The Vice President shall, during absences of the President, assume the duties of that office. He shall act as chairman of the Board of Control. He shall assist the President in coordinating the policies and activities of the Associated Students. His primary responsibility shall be to insure the continuance of the Honor System among the students. He must be either a junior or a senior in the fall term immediately following his election.

SECTION 5. Office of the Secretary: The Secretary shall, during the absence of the President and Vice President, assume the duties of the President. The Secretary shall keep a record of the proceedings of the meetings of the Corporation and the Board of Directors. He shall post, or otherwise make public, copies of the record of each meeting within three days subsequent to that meeting. He shall post notice of all meetings of the Corporation in which legislation is to be acted upon or discussed, together with a complete statement of such legislation at least seven (7) days prior to the meeting. The Secretary shall maintain a current file of the minutes and reports of all ASCIT committees, and all committees and organizations having interests in common with those of the Associated Students. He shall oversee communications, elections, and the records and archive.

SECTION 6. Office of the Treasurer: The Treasurer shall receive all money belonging to the Corporation and 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. The Treasurer shall receive and present to the Board of Directors term and annual reports of all ASCIT publications, and he shall ensure that all publication officers are informed of and comply with the provisions of Article XIV. He shall have direct charge of all Corporation property.

SECTION 7. Office of the Interhouse Committee Chairman: The Interhouse Committee Chairman shall call and preside over meetings of the Interhouse Committee. He shall be responsible for liaison between ASCIT and the various House organizations. He must be either a junior or a senior in the fall term immediately following his election.

SECTION 8. Office of the Director for Academic Affairs: The Director for Academic Affairs shall be chairman of the Academics and Research Committee and be responsible for all other committees formed by the Corporation on academic affairs. He shall be responsible for the production, publication, and distribution of the Course Listings of Undergraduate Education.

SECTION 9. Office of the Director for Social Activities: The Director for Social Activities shall be chairman of the Executive Social Committee. He shall be responsible for the organization of the Corporation's social activities and shall coordinate them with the social activities of the undergraduate Houses.

SECTION 10. Offices of Directors at Large: One of the Directors at Large shall be a freshman and the other shall be an upperclassman at the time of election. The Freshman Director at Large is responsible for the publication of the Undergraduate Research Opportunities Handbook. The Upperclassman Director at Large is responsible for the management, finances, operation, and maintenance of the ASCIT van and copier. The Directors at Large shall in addition perform other duties as specified by the Board of Directors.

### CHANGE THIS TO:

#### IV.—OFFICERS

SECTION 1. The general officers of the Corporation shall be the President, Secretary, Treasurer, Board of Control Chairman, Interhouse Committee Chairman, Academics and Research Committee Chairman, Director for Social Activities, Material Operations Manager, and Freshman Director. These officers, and those of Board of Control Secretary, and Editor of The California Tech are elected officers.

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SECTION 4. Office of the Secretary: The Secretary shall, during the absence of the President, assume the duties of the President. The Secretary shall keep a record of the proceedings of the meetings of the Corporation and the Board of Directors. He shall post, or otherwise make public, copies of the record of each meeting within three days subsequent to that meeting. He shall post notice of all meetings of the Corporation in which legislation is to be acted upon or discussed, together with a complete statement of such legislation at least seven (7) days prior to the meeting. The Secretary shall maintain a current file of the minutes and reports of all ASCIT committees, and all committees and organizations having interests in common with those of the Associated Students. He shall oversee communications, elections, and the records and archive.

SECTION 5. Office of the Treasurer: The Treasurer shall receive all money belonging to the Corporation and 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. The Treasurer shall receive and present to the Board of Directors term and annual reports of all ASCIT publications, and he shall ensure that all publication officers are informed of and comply with the provisions of Article XIV. He shall have direct charge of all Corporation property.

SECTION 6. Office of the Board of Control Chairman: The Board of Control Chairman shall call and preside over meetings of the Board of Control. His primary responsibility shall be to insure the continuance of the Honor System among the students. He must have completed four terms as a student of the Institute at the time of his election.

SECTION 7. Office of the Interhouse Committee Chairman: The Interhouse Committee Chairman shall call and preside over meetings of the Interhouse Committee. He shall be responsible for liaison between ASCIT and the various House organizations. He must have completed four terms as a student of the Institute at the time of his election.

SECTION 8. Office of the Academics and Research Committee Chairman: The Academics and Research Committee Chairman shall call and preside over meetings of the Academics and Research Committee and be responsible for all other committees formed by the Corporation on academic affairs. He shall be responsible for the production, publication, and distribution of the Course Listings of Undergraduate Education. He must have completed four terms as a student of the Institute at the time of his election.

SECTION 9. Office of the Director for Social Activities: The Director for Social Activities shall be chairman of the Executive Social Committee. He shall be responsible for the organization of the Corporation's social activities and shall coordinate them with the social activities of the undergraduate Houses.

SECTION 10. Office of the Material Operations Manager: The Material Operations Manager is responsible for the management, operation, and maintenance of all services to the Corporation. He shall in addition perform other duties as specified by the Board of Directors.

SECTION 11. Office of the Freshman Director at Large: The Freshman Director at Large is responsible for the publication of the Undergraduate Research Opportunities Handbook.

SECTION 12. Office of the Upperclassman Director at Large: The Upperclassman Director at Large is responsible for the management, finances, operation, and maintenance of the ASCIT van and copier. The Directors at Large shall in addition perform other duties as specified by the Board of Directors.

SECTION 13. Office of the Director for Social Activities: The Director for Social Activities shall be chairman of the Executive Social Committee. He shall be responsible for the organization of the Corporation's social activities and shall coordinate them with the social activities of the undergraduate Houses.

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SECTION 29. Office of the Director for Social Activities: The Director for Social Activities shall be chairman of the Executive Social Committee. He shall be responsible for the organization of the Corporation's social activities and shall coordinate them with the social activities of the undergraduate Houses.

SECTION 30. Office of the Director for Social Activities: The Director for Social Activities shall be chairman of the Executive Social Committee. He shall be responsible for the organization of the Corporation's social activities and shall coordinate them with the social activities of the undergraduate Houses.

members, one elected in each of the seven undergraduate student Houses. [etc.]

### THE CURRENT TEXT:

#### VIII.—ELECTIONS AND PROCEDURES

SECTION 1. Nominations for the offices of President and Vice President shall open at 8 A.M. the second Wednesday of second term and shall close at 5 P.M. the following Tuesday. Nominations for all other elected offices shall open at 8 A.M. on the fourth Wednesday of second term and shall close at 5 P.M. the following Tuesday. The Secretary shall publish an announcement in the issue of The California Tech immediately preceding the opening of these nominations. For a nomination to be valid, the nominee must be a current ASCIT member. All nominations must be given in writing to the Secretary and must be signed by the nominee. The California Tech shall publish a complete list of nominated candidates and any statements they wish to make.

SECTION 4. All registered undergraduates may vote for the Vice President (Board of Control Chairman), the Board of Control Secretary, and the Interhouse Committee Chairman. Only members of the Corporation may vote for other elected officers. A voter may cast no more than one ballot in each election.

### CHANGE THIS TO:

#### VIII.—ELECTIONS AND PROCEDURES

SECTION 1. Nominations for the office of President shall open at 8 A.M. the second Wednesday of second term and shall close at 5 P.M. the following Tuesday. Nominations for all other elected offices shall open at 8 A.M. on the fourth Wednesday of second term and shall close at 5 P.M. the following Tuesday. The Secretary shall publish an announcement in the issue of The California Tech immediately preceding the opening of these nominations. For a nomination to be valid, the nominee must be a current ASCIT member. All nominations must be given in writing to the Secretary and must be signed by the nominee. The California Tech shall publish a complete list of nominated candidates and any statements they wish to make.

SECTION 4. All registered undergraduates may vote for the Board of Control Chairman, the Board of Control Secretary, the Interhouse Committee Chairman, and the Academics and Research Committee Chairman. Only members of the Corporation may vote for other elected officers. A voter may cast no more than one ballot in each election.

### DELETE THIS TEXT, AND RENUMBER THE OTHER SECTIONS ACCORDINGLY:

#### XII.—COMMITTEES

SECTION 1. The Director for Academic Affairs shall be the Chairman of the Academics and Research Committee. The committee shall consist of the Chairman, a Secretary elected by the ASCIT membership, one member elected from each of the Houses, and two at-large members appointed by the Board of Directors. The House-elected members shall be elected during second term each year using procedures similar to the election of Board of Control members. They shall assume office at the start of third term. The Academics and Research Committee shall be responsible to the Board of Directors for actively enhancing the academic and research experience available to undergraduates at the Institute. Specific responsibilities shall be assigned by the Board of Directors.

### THE CURRENT SECTION:

#### XIII.—GENERAL FISCAL

SECTION 4.—CHECKS. The President, Vice President, and Treasurer shall have the power to sign the checks of the Corporation, the signatures of any two being required on any check.

### CHANGE THIS TO:

#### XIII.—GENERAL FISCAL

SECTION 4.—CHECKS. The President, Secretary, and Treasurer shall have the power to sign the checks of the Corporation, the signatures of any two being required on any check.

### SUMMARY AND RATIONALE:

The position of Vice President is eliminated entirely. The Secretary becomes the second ranking official of the Corporation and the BoC Chair is put on par with the HHC and ARC Chairs. There is no reason why the BoC Chair should be the Vice President. In general, the BoC Chair is not up to date with Corporation affairs. The Secretary is right in the thick of ASCIT and knows what is going on. He will assume signing power of ASCIT checks and chair BoD meetings in the absence of the President.

The position of Academic Director becomes that of ARC Chair. The ARC will be put in the same position of the HHC - an entity existing outside of general ASCIT control. This is part of an effort to make the ARC a more activist organization. It will have its own procedures and definitions and choose its own secretary.

## Proposal Taco: Kill Athletic Manager Description

### DELETE THIS TEXT:

#### IV.—OFFICERS

SECTION 11. Office of the Athletic Manager: The Athletic Manager shall be chairman of the Athletic Committee. He shall procure all athletic awards for the Corporation. A group of Corporation members may hold this position.

### SUMMARY AND RATIONALE:

Delete the description of the office of Athletic Manager. The deletion of this section was overlooked in a former bylaw amendment. The office of Athletic Manager no longer exists.

## Proposal Goo: Definition of Legislation

### ADD THIS TEXT:

#### IV.—THE BOARD OF DIRECTORS

SECTION 4.—LEGISLATION. Legislation shall be defined as (a) Any action or decision of the Corporation. (b) A resolution of the Board of Directors. (c) A proposal to bring an amendment to these bylaws to a vote of the Corporation.

### SUMMARY AND RATIONALE:

Provide a clear definition of legislation and removes ambiguity in the bylaws.

### DELETE THIS TEXT:

#### VI.—EXECUTIVE COMMITTEE

SECTION 3.—SUB-COMMITTEES. The Executive Committee shall have the power to authorize sub-committees, responsible to itself, for the investigation and discussion of Corporation problems.

### SUMMARY AND RATIONALE:

Remove the text that allows the Executive Committee to form sub-committees. The power to create committees should lie entirely within the BoD.

## Proposal Morphine: Define 2/3 Vote Procedure

### ADD THIS TEXT:

#### VIII.—ELECTIONS AND PROCEDURES

SECTION 13.—For non-election votes, the winning proposal must receive an absolute majority of votes. Absolute majority is defined as follows: (a) In votes requiring a simple majority, absolute majority shall be defined as half the error plus half the number of correctly-cast non-abstaining votes. (b) In votes requiring a two-thirds (2/3) majority, absolute majority shall be defined as two-thirds (2/3) of the error plus two-thirds (2/3) of the number of correctly-cast non-abstaining votes.

### THE CURRENT TEXT:

#### XI.—AMENDMENTS

SECTION 9. Notice of the election and a complete statement of the amendment shall be posted and published at least seven (7) days previous to the election. For passage, an amendment must receive at least two-thirds (2/3) of the error. Error shall be defined as in Article VII, Section 3.

### CHANGE THIS TO:

#### XI.—AMENDMENTS

SECTION 11. Notice of the election and a complete statement of the amendment shall be posted and published at least seven (7) days previous to the election. For passage, an amendment must receive at least two-thirds (2/3) of the error.

### SUMMARY AND RATIONALE:

Add a section describing how to handle non-election votes. Delete the redundant section describing how amendment votes are handled. Clarifies the voting procedure for amendments and referendums and makes the bylaws easier to maintain.

## Proposal Trion: Initiative Repeal

### INSERT THIS TEXT:

#### IX.—INITIATIVE AND REFERENDUM

Section 5. Any acts of legislation that are brought to a vote by initiative can only be repealed by a majority vote of the Corporation. Summary and Rationale:

Add text that requires a Corporation vote to repeal an initiative. Someone could bring a piece of legislation to a vote and get it passed, then the BoD could turn around and repeal that act immediately.

## Proposal Grease: Dues Increase

### THE CURRENT TEXT:

#### XIII.—GENERAL FISCAL

SECTION 1.—DUES. The Corporation dues shall be payable on registration day of each term at the rate given in the schedule below:

Fall	Winter	Spring	Total
\$20.00	\$20.00	\$20.00	\$60.00

Dues for each term shall be non-refundable after add day of said term. The Board of Directors shall revise the dues annually to allow for inflationary increases in costs. The recommended revisions for the following year shall be voted on during third term by the Student Body, requiring at least a two-thirds (2/3) majority vote for passage. Of the dues, 10% each term shall be for a subscription to The California Tech.

### CHANGE THIS TO:

#### XIII.—GENERAL FISCAL

SECTION 1.—DUES. The Corporation dues shall be payable on registration day of each term at the rate given in the schedule below:

Fall	Winter	Spring	Total
\$30.00	\$30.00	\$30.00	\$90.00

Dues for each term shall be non-refundable after add day of said term. The Board of Directors shall revise the dues annually to allow for inflationary increases in costs. The recommended revisions for the following year shall be voted on during third term by the Student Body, requiring at least a two-thirds (2/3) majority vote for passage. Of the dues, 10% each term shall be for a subscription to The California Tech.

### CHANGE THIS TO:

#### XIII.—GENERAL FISCAL

SECTION 2.—BUDGET. Upon entering office, the new Board of Directors shall adopt a budget to govern all Corporation expenditures for the following fiscal year. The budgeting process will be handled as follows. All clubs will submit a budgetary request containing the proposed budget, sources of income, expected activities, number of ASCIT and non-ASCIT members. A statement of purpose. At the budget meeting, the clubs may make a presentation. The Board of Directors will determine all other financial obligations (e.g., salaries, insurance, and ASCIT organizations) including a reserve for the test of the year. The remaining budget will be allocated to clubs. To enable the Board of Directors to assess more accurately the monetary need of individual clubs, a club questionnaire will be sent to each student. After the questionnaires are returned, the results will be tallied and made available to all members of the Board of Directors.

### SUMMARY AND RATIONALE:

Remove the specific description of how the budget should be decided upon. The bylaws should be as general as possible. The Resolutions should describe matters of policy, such as the budget meeting.

## Proposal Maul: Generalize Publications Text

### THE CURRENT TEXT:

#### XIV.—PUBLICATIONS

SECTION 1. The official publications of this Corporation are a newspaper, The California Tech, an annual, the Big T, a handbook, the little t, a literary art anthology, Totem, a course evaluation booklet, the Course Listings of Undergraduate Education (CLUE), and an Undergraduate Research Opportunities Handbook.

SECTION 2. The Business Manager of The California Tech, the Editor and Business Manager of the Big T, the Editor and Business Manager of the little t, and the Editor of Totem are appointed by the Board of Directors.

SECTION 3. The Editor and Business Manager (if any) of each publication are solely responsible to the Board of Directors for that publication's success. The Board of Directors may make recommendations to the Editor or Business Manager in regard to policy or finances. The Board of Directors is ultimately responsible for the circulation and finances of the publications.

SECTION 4. The Editor of each publication is responsible for the selection and preparation of all content of that publication exclusive of advertising material. He is responsible for meeting deadlines agreed upon with printers or other contractors. His responsibilities terminate after the publication is printed.

SECTION 5. The Business Manager of each publication is responsible for all funds belonging to that publication. He may open accounts only with financial institutions previously approved by the Board of Directors. He will account for all receipts and expenditures in a manner recommended by the Treasurer. He will submit written reports on the financial condition of the publication to the Board of Directors through the Treasurer at the beginning of each term and at the end of the academic year. The Business Manager is the only one empowered to transact business in the name of a publication. His responsibilities terminate after distribution of the publication, involving all advertising and receivables, payment of outstanding bills, preparation of adequate financial records, and, in the case of the Big T and the little t, the collection of revenues from advertising and other sources. If no Business Manager is appointed for the publication, these responsibilities are also those of the Editor.

SECTION 6. All checks must be signed by both the Editor and the Business Manager.

SECTION 7. Contracts or agreements may not be made, by the Business Manager of any publication, that extend beyond the academic year in which his term expires, unless a termination clause which requires ninety (90) days (or less) notice to be effective is part of the contract or agreement. The Treasurer shall be notified in writing of any contract or agreement prior to its enactment. The Board of Directors may enter into contracts on behalf of a publication for a period not to exceed three (3) years.

SECTION 8. Printing contracts for the Big T or little t must be approved by the Board of Directors before they are awarded. Prior to requesting this approval, the publication (Big T or little t) must submit a budget to the Treasurer for approval by the Board of Directors. Such a budget shall include a reserve amount of 10% of expected income of the publication for unforeseen expenses; it shall be reviewed by the Treasurer for completeness before presentation to the Board of Directors. The reserve amount may not be used without the prior approval of the Treasurer. Unexpected occurrences, significant deviations from budget estimates, and other problems shall be brought to the attention of the Treasurer, or another Director if the Treasurer is unavailable, as soon as a publication officer is aware of such a possibility.

SECTION 9. The salaries, commissions, and bonuses of the Editor, Assistant Editors, and Business Manager of each publication will not be paid until the Board of Directors has approved payment. No commission will be paid until payment for that advertisement has been received, unless specifically approved by the Board of Directors. Salaries may be withheld by the Board of Directors, in whole or in part, for unsatisfactory performance by the Editor, or failure to submit on time the required financial reports or for gross financial negligence by the Business Manager.

SECTION 10. Compensation schedules for each publication must be submitted to the Treasurer for approval by the Board of Directors. The schedule must be submitted within a month after the Editor and Business Manager of that publication have taken office. If either is replaced before their respective term of office ends, the schedule must be resubmitted within one month after such replacement has taken place. The schedule must include the following: salaries, commissions, and possible bonuses; description of duties for all paid positions; and a payment schedule; it shall be reviewed by the Treasurer for completeness before presentation before the Board of Directors. The salaries, commissions, and bonuses will be paid from the respective publication's funds.

SECTION 11. The Editor and Business Manager of The California Tech take office at the beginning of third term.

SUMMARY AND RATIONALE: Mar, the bylaws more general by removing mention of specific publications. Delete sections describing salaries, benchmarks for satisfactory performance, terms of office, and honoring personal expense accounts. These are matters of policy and should be moved to the resolutions. The term of the Tech editors will remain fixed in the bylaws because it is an elected office.

quires ninety (90) days (or less) notice to be effective is part of the contract or agreement. The Treasurer shall be notified in writing of any contract or agreement prior to its enactment. The Board of Directors may enter into contracts on behalf of a publication for a period not to exceed three (3) years.


SECTION 8. Printing contracts for the Big T or little t must be approved by the Board of Directors before they are awarded. Prior to requesting this approval, the publication (Big T or little t) must submit a budget to the Treasurer for approval by the Board of Directors. Such a budget shall include a reserve amount of 10% of expected income of the publication for unforeseen expenses; it shall be reviewed by the Treasurer for completeness before presentation to the Board of Directors. The reserve amount may not be used without the prior approval of the Treasurer. Unexpected occurrences, significant deviations from budget estimates, and other problems shall be brought to the attention of the Treasurer, or another Director if the Treasurer is unavailable, as soon as a publication officer is aware of such a possibility.

SECTION 9. The salaries, commissions, and bonuses of the Editor, Assistant Editors, and Business Manager of each publication will not be paid until the Board of Directors has approved payment. No commission will be paid until payment for that advertisement has been received, unless specifically approved by the Board of Directors. Salaries may be withheld by the Board of Directors, in whole or in part, for unsatisfactory performance by the Editor, or failure to submit on time the required financial reports or for gross financial negligence by the Business Manager.

SECTION 10. Compensation schedules for each publication must be submitted to the Treasurer for approval by the Board of Directors. The schedule must be submitted within a month after the Editor and Business Manager of that publication have taken office. If either is replaced before their respective term of office ends, the schedule must be resubmitted

LIST OF 1998 DITCH DAY STACKS BY HOUSE	
BLACKER	Mission Impossible
Unearthing Blacker	Kristie Armentrout, Wes Salzillo
Matt Tiscareno, Brian Tiemann, Tim Henson	Beer & Concrete
The Corp	Jim Glorie, Ryan Clancey, Andy Laucius
Jon (Marty) Allen, Nat Anagnostou	Wizard of Oz
The Usual Suspects	Judy Green, Keri Ryan
Fay Peng, Ravi Ramamoorthi	Paranoia
Suck!!	Alex Ihler
Brian Rothstein	RICKETTS
The Pirates of Gasparilla	The Kiran and Kohl Stack
Dan Hennessy, Travis Williams	Kiran Shekar, Kohl Gill
Dr. Seuss	There can be only one — The Highlander Stack
Jeanne Wilson, Karen Bletzer	Jason Sekanina, Dustin Green, Sean Mauch,
Paranoia	Jing Xu
Alex Ihler	The Thousand Word Stack
DABNEY	Wei-Hwa Huang, Brandon Vandebroke
Oops, I've Created a Biohazard	The Church of the God Emperors
Alex Dunn, Evan Hurowitz	Michal Smulski, Robert Chen
Seal of the Elements	Alice in Wonderland
Myfanwy Callahan, Elizabeth Callaghan,	Lael Erskine, Sara Beaber, Barbara Novak
Maura Raburn	Paranoia
Parallel Archaeology	Geoff Smith, John Grossman, Kevin Carle
Kai-Hsu Tai	Slack
Enemy Mine	Terry Moran, Dave Blau, Shay Chinn, Robert
Dule Misevic, Lori Hsu, Allen Lee, Niniane	Johnson
Wang	PAGE
Rescue Bill Nye	Legend of Zelda
Jason Jenkins, Ronak Bhatt, Dan Kleiman,	Irene Wong, Barry Shapira
Eric Dennis	Mardi Gras
FLEMING	Bobby Johnson, James Heaney
The Art of Espionage	Buffy the Vampire Slayer
Michael Shumway, Trey Atwood	Kazu Nakada, Thanh Khuu, Gary Wu, Ben Liao
Duke Nukem	Deadly Sins
Chris Bisbee, Brian Monroe, Adam Petrie	Tim Doyle, Kyle Stickle
Fred is Dead	Curse of Monkey Island
Diana King, Katie Stofor, Libby Mosier, Steve	Hoa Huynh, Tao Long
Glista	Rudbock
It's Not Really Ditch Day...	Xena, The Quest for Ambrosia
Brian Barris, Nick Choly, Evan Reed, Albert	Emily Ho, Josh Sacks, Grace Yang, Abhay
Chiu, Derek Farmer	Manumare, Alexis Johnson, Philip Rodriguez
Star Wars	Austin Powers
Jason Barnes, Patrick Jewell	Umesh Bhandary, Natsuko Kagawa, Sam Li,
The Tasks of Hercules Jr.	Dazhi Chen, Ed Yu, Jeff Ho
David Winkler, Tim Yamall	The Hitchhiker's Guide to the Galaxy
LORD	Sean Suchter, Jeremy Mans, Louis Thomas,
Sherlock Holmes	Michelle Miller
Kevin Bradley, Christina Edwards, Andrew	2001: A Space Odyssey
Silberfarb, Frances Siu	Mike Microwski, Lee Rumsey, Paul Storassli,
The Pink Panther Stack	John Reese
Louis Wang Jr., Vito Dai, Mason Porter	The Rock
Trivial Pursuits	Jim Tumer, Hiroshi Ishii, Eric Jan, Kitty Erkkila,
Jonathan Little, Steve Van Hooser, Steve	Rich Wolf, Lisa Ngo, Amy Zheng, Dan Velez
Ginzburg, Blake Jones	

FOOD WITH FOOD



**Dave Tytell**

*Dear Food Dude,*  
*Is it true that the quality of meat we get from Caltech Dining Services is really just Grade D "Fit for Human Consumption"???*

NO! In fact I did the re-search on this topic and here's what I found out. There are 8 levels of meat quality.

CDS only purchases **Choice** meats. This is better than what you get at most colleges, apparently. Interesting piece of information to know. This list will also be helpful next time the butcher tries to give you a sweet deal on some utility meat. **JUST SAY NO!**

As for news... Omelette day will return to the South side next week starting when we get back on Tuesday.

Sushi is coming immediately afterwards... look for it.

There is also going to be one more Olive walk dinner. This will likely be a luau... complete with roasted pig.

Stay tuned for information on the Summer board program and a CDS questionnaire sent to your box. Filling it out could mean big prizes! next time, DT

**THE 8 LEVELS OF MEAT QUALITY**

- ⑧ Canner
- ⑦ Cutter
- ⑥ Utility
- ⑤ Commercial
- ④ Standard
- ③ Select
- ② Choice
- ① Prime

CLIP AND SAVE!!!

**SOUTH HOUSE OMELETTE DAY SCHEDULES**

Blacker:	Tuesday
Fleming:	Wednesday
Dabney:	Thursday
Ricketts:	Friday



★★ Award Winner ★★

**Mandarin Cuisine & Seafood**

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Lunch Specials \$4<sup>75</sup> 11:30-3 p.m.  
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Then when you return to college as a Daewoo Campus Advisor,\*\* you'll have the opportunity to **earn money and purchase a new Daewoo car at a substantial discount**.

Help build a new car company by helping us market Daewoo cars during your spare time.

\* Complete details will be provided at a later date.  
\*\* Rules of this program may vary to comply with various state regulations.  
\*\*\* Subject to eligibility and qualifications.



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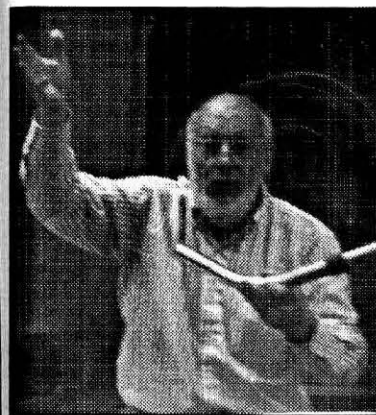
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# Dean's Corner

*Le chapelier pas si fou*

by Jean-Paul Revel

Last week, last week, when was it now well that's it, it was last week. Last week, we celebrated both Ditch and Alumni Day. Both were great fun and provided occasions for pondering and wondering about where to put priorities, a matter I'll come to in a bit after some of my usual detours. I enjoyed participating in stacks even though I paid by being wetted through and through, twice in a row. The first time I was driven to my fate in a Daihatsu, with a chauffeur yet, a Security man in a yellow rain slicker, who obviously had been warned about what was to come. After a battle to the end of my ammunition and refills in Millikan pond, alone against 5 or may be even 6 masked (I did not have time to count), very determined, banditos, I had to surrender. But I made them pay for their clues, did I ever, may be I would have been good as a spy/international courier. You know one of those people with a briefcase manacled to their wrist, James, James Bond, agent 007.

Anyway I had barely recovered from this daydream and changed into the dry clothes I had brought, a dry shirt and pants (I had forgotten that

the rest of me would get wet too), that I was entrapped, asked to come out of the building under a pretext. Softhearted fool that I am... my second set of clothes got quickly soaked too in this sneak attack and this time I had no way to retaliate, and no dry towels either. Maybe the 007 daydream was not such a great idea after all. On top of all, of course my desk chair too was soon soaked and I had to use an industrial strength blower to dry it off. I need to think hard about my career when I grow out of my present position.

Luckily I also had a wonderful encounter with Alice and friends at Wonderland on Huntington. The tea was highly successful, the finger sandwiches luscious and the setting elegant if crowded. Thanks a bunch for including me in these happy cavorts. I guess it all balances out, being wet willingly and unexpectedly, and being given the chance to be the Mad Hatter at a really snazzy Tea Party. I am sure that you all know why the hatter was mad. At least a commonly held theory is that it was due to Mercury poisoning. As I read in the "Hat Industry" chapter of "Mercury: a History of Quicksilver, by LJ Goldwater" (<http://gilligan.mc.duke.edu/oem/>

[hatters.htm](http://hatters.htm)) mercury nitrate was used in the manufacture of felt. For the studios among you I'll recount that the process has been traced to French Huguenots in the middle of the XVIIIth century. It was kept as a dark secret. When religious persecution forced the Huguenots to flee to England they took their secret along. As a result the French and even Rome became dependent on England (woe, woe! fleecy finger of fate!) for high quality felt hats. The "secret" finally returned to France as a result of industrial espionage! The secret process supposedly started in what is now Turkey with the felting of camel hair, which was accelerated by camel urine. This art was brought to Europe by returning Crusaders, but alas! there were no live camels to be had. So human urine was substituted.

The story goes that one particular workman (probably in France say my sources, in a very biased remark that I resent deeply) was being treated with mercury for "venereal disease." It was noticed that his fibers felted quicker and better than that of his healthy comrades. So that was how the secret process was developed, by intensive research and clever observation. And no wonder it was a secret process! Would you like to wear hats made with felt produced under these conditions? Whether this account is historically correct, is subject to some question. There is a rumor that that the expression "mad

as a hatter" had nothing to do with but was actually a play on the cockney expression "mad as an adder". Another tidbit is that the model for the mad hatter in the original drawing was Prime Minister Gladstone.

I prefer to believe in the more interesting (to me) version that the model was one Theophilus Carter, a furniture dealer near Oxford, "who was known in the area as the mad hatter" because he always wore a top hat and was something of an eccentric. Actually he sounds pretty Caltech-ish to me. Besides his sartorial oddities Theophilus invented an alarm clock bed which awakened the occupant by tossing him to the floor. See what I mean?

My other adventure last week was joining alumni on their day. I managed to visit with members of several classes including 1993 and 1988, if ever so briefly. What an interesting contrast to see people only 5 years or 10 years out of Tech. Their perspectives and outlooks are already widely divergent from those of Techers still at work here. There is indeed light at the end of the tunnel. All these people were well adjusted, forward looking, alive people, alive in the everyday, not just at fun and games time like Ditch Day.

How could I ever doubt that that was the true character of Techers, that the odd behaviors you all exhibit at various times are only a sign of growing up and letting off steam. You too will eventually emerge from our own somewhat artificial environment, the Caltech Wonderland to participate in the real world life. And that takes me to the idea that we are not really in a real world, here in the Caltech Wonderland. We are governed by the

Honor Code that most of us try to apply in the best way we know how. Because we all accept this common inspiration our environment is a benevolent one. But that does not mean we have license to act without controls.

The behaviors, which are indulged in on Ditch Day, when a kind of Mardi Gras license spreads through the Campus, is not meant to be for everyday. It is not the real world, not even Caltech's everyday world. The extent to which Caltech Students can self-govern is one aspect of Caltech Wonderland, which has attracted many of you here. But such a self-government must be a realistic; it includes responsibility. It is great to borrow Daihatsus, (I believe that this year they were asked for, not stolen, bravo) but they must be driven with care. Drunk driving in a Daihatsu is as dangerous as drunk driving on city streets. All your endeavors must be taken as seriously as constructing brute force stacks. Along with the freedoms implied by "self Government" there must come responsibility to act reasonably. The more responsibly students behave, the less interference with student government is necessary. We in Wonderland are subject to the same laws and constraints than ordinary citizens in the outside world. Let us respect the rules of society, Caltech's and the World's in Truth, that will make you free!

A bientot,

*Jean Paul Revel*

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## Announcements

✱ **May is Public Relations Contest Month.** Enter the first contest, "Turn Your Old Lab Notes into Food!", by sending a clean xerox copy of your favorite page of lab notes to mail stop 1-71, attention: dipalma. The most interesting/creative/bizarre entries will be used to illustrate "the poetry of the laboratory" in the new Admissions view book. The creator will get a gift certificate for coffee and/or dessert. Illustrated lab notes are especially welcome.

✱ The second contest in **Public Relations Contest Month** is "Your Caltech in Print!" If you're tired of the way Tech is pictured in official Institute publications then here's your chance to show the world what it's really like. The first five undergrads who send email (subject: Photos) to [dipalma@Caltech.edu](mailto:dipalma@Caltech.edu) will get a free camera and film, and a week to use them. The best pictures will be published in the new view book.

✱ **Sparrowgrass Poetry Forum** will publish and award cash prizes to 35 poets entering their *Poetic Achievements Awards* poetry contest. All entrants into the contest are automatically eligible for their *Poet of the Year* award to win one of three publishing contracts. Poems should be sent to Sparrowgrass Poetry Forum, Dept. G, 609 Main St., PO Box 193, Sistersville, WV 26175-0193, or <http://www.tinplace.com/sparrow>. For more information contact Patricia Flanagan at (304) 652-1449.

Weekly open **IHC meetings** have now been permanently moved to Thursdays at midnight.

Nominations are now open for the offices of 98-99 **Big T Editor and Business Manager**. Interested individuals can nominate themselves by signing up on the door of the ASCIT/IHC office (SAC 33).

**Free anonymous HIV testing**, using an oral HIV antibody test, is available every Monday evening from 6-8 pm at the AIDS Service Center, 1030 S. Arroyo Parkway in Pasadena. Persons wishing to be tested may make an appointment by calling, toll-free, (888)488-9242, or (626)441-8495. Walk-ins are also accepted. Both pre- and post-test counseling is provided, and results will be given the following Monday.

**The Gay/Lesbian/Bisexual Discussion Group** Looking for a safe and supportive place to discuss issues such as coming out, being out, dealing with family, coping with a homophobic culture, and being GLB at Caltech? We invite you to the Gay/Lesbian/Bisexual Discussion group, which meets on the first and third Tuesdays of each month from 7:30pm until 10pm in the Health

Center lounge. This is a confidential meeting and does not imply anything about a person's sexual orientation – only that she or he is willing to be supportive in this setting. The group usually discusses a particular relevant topic and then moves on to the general discussion. Refreshments will be served. If you would like more information, please call x8331.

## Events

✱ **TACIT** will be presenting "Someone Who'll Watch Over Me," a play by Frank McGuinness. Their performances will be in the Underground Theater, SAC 50. For information call x4652.

✱ There will be a **Coleman Chamber Concert** in Beckman Auditorium at 3:30pm on Sunday, May 24th. It will feature the *Juilliard String Quartet* performing works by Mendelssohn, Copeland, and Brahms. For information call x4652.

✱ There will be **Skeptics Society Conferences** on Saturday, May 23rd, and Sunday, May 24th. The first will be on "God, Religion, and Myths," from 8am to 9pm in Baxter Lecture Hall. The second will also be in Baxter Lecture Hall from 9am to 5pm and will be a *James Randi's Solved Mysteries Workshop*. For information call 794-3119.

✱ There will be an **AA meeting** at noon on Wednesday, May 27th, in Steele House. Attendees should bring their lunch. For information call x8360.

There will be a **William Bennett Munro Memorial Seminar**; "Keep Sober, Work and Support His Family": *Policing the Provider in Modern America*, by Michael Willrich, Department of History, Rice University. It will be held in Judy library at 4pm Thursday, May 28th. Refreshments will be served. Sponsored by David Igler. For information contact Helga Galvan, x4538.

✱ There will be a **jazz concert** in Dabney lounge entitled "WestCoasting: A Lecture and Concert," at 3:30pm Sunday, May 31st. It will feature a short lecture on the history of west coast jazz followed by a concert both of which will be conducted by Hersh Hammel. The concert is free; for further information call x4652.

The **Distinguished Speaker Series** of Southern California is moving into its second season. The events will be held at the Pasadena Civic Auditorium on five remaining dates, at 8pm. Mark Victor Hansen will be speaking on June 10th. For information, call (800) 508-9301.

## Mints

✱ denotes a new announcement.

For most Caltech events listed, further information can be obtained by calling 395-4652 or (888) 2-CALTECH, or through the Caltech website, <http://www.caltech.edu>. Special discounts are available for most shows for Caltech/JPL students, staff, and faculty.

## and Scholarships

**American Physical Society's Washington Office** is looking for an undergraduate physics major with great writing skills and genius IQ. They're prepared to be flexible. Email a writing sample and resume to: [opa@aps.org](mailto:opa@aps.org). The deadline is May 29.

The **Computing Research Association Committee on the Status of Women in Computing Research (CRA-W)** is pleased to announce a new initiative, Collaborative Research Experience for Women in Undergraduate Computer Science and Engineering (CREW), designed to provide collaborative research experiences for groups of two or three undergraduate women during the 1998-99 academic year. Students will work at their home institutions with a sponsoring faculty member on a project for which monetary support is typically unavailable. Ordinarily each student will receive a \$1000 stipend. There is no support provided for faculty stipends, however up to \$500 per project may be requested for special equipment, travel or supporting materials. Entries are due by May 30. For more information, visit <http://cra.org/Activities/craw>. **FAR**

**Washington Summer Science and Technology Policy Program** for advanced Undergraduates is a rigorous six-week, 7-credit program of study and writing, combined with practical internship experience and on-site briefings by people important to shaping Science and Technology policy. It runs from June 13 to July 25, 1998. Details are available at <http://www.gmu.edu/departments/cge>. **FAR**

The **National Institutes of Health's Undergraduate Scholar-**

ship Program (UGSP) is pleased to announce the availability of up to 15 competitive scholarships to support top undergraduate students who are committed to pursue careers in biomedical research. Awards are up to \$20,000 per year. To qualify, a student must be a U.S. citizen, national or permanent resident, be enrolled in or accepted by an accredited undergraduate institution, and carry a GPA of 3.5 or better or be in the top 5% of his/her class. In addition, the applicant must demonstrate extreme economic need or come from a disadvantaged background. For each year of scholarship, the student will fulfill a 10-week summer research/mentoring program and after graduation, fulfill one year of full-time employment, both at NIH in Bethesda, Maryland. **UFA**

Working or studying in **New York City** this summer? Educational Housing is a nonprofit group that helps students locate safe, reasonably priced New York housing. For more info, visit [www.studenthousing.org](http://www.studenthousing.org). **FAR**

**Work in Britain** this summer or next fall: The British Universities North America Club (BUNAC) offers a special student work permit for \$225, valid for 6 months, allowing U.S. citizens who are at least 18 years of age to legally work in Britain at any time of the year. Jobs can be prearranged, or students can just go to Britain and find jobs (most students find work within a week of arrival). BUNAC's program also provides participants with a helpful manual and a job hunting center in London. BUNAC can also prearrange your first 3 nights of lodging in London. Applications and further information are available in Fellowships Advising. Visit BUNAC's Work in Britain site at <http://www.BUNAC.org>. **FAR**

The **John Gyles Education Fund** offers financial assistance to full-time students in Canada and the United States. Full Canadian or American citizenship is required. Awards are available for all areas of post-secondary study. A minimum 2.7 GPA is required. Criteria other than academic ability and financial need are considered in the selection process. Selected students will receive up to \$3,000. To receive an application, please send a stamped, self-addressed, standard letter size (No. 10) en-

velope to: The John Gyles Education Fund, Attention: R. James Cogle, Administrator, P.O. Box 4808, 712 Riverside Drive, Fredericton, New Brunswick, Canada E3B5G4. Filing dates for mailing applications in 1998 are June 1st and November 15th.

**UFA**

The **1998 BFGoodrich Collegiate Inventors Program (BFG-CIP)** is seeking entries for this year's challenge. The program recognizes and rewards full-time college students (undergraduate, graduate, and postdocs) and faculty whose innovations, discoveries and research are deemed the year's most outstanding. Up to six student/advisor teams are awarded cash prizes totaling up to \$42,000. Students may enter as individuals or teams. The invention, idea or process submitted must be an original idea and the work of a student or team with his or her advisor. There is a June 2, 1998 deadline. For more information, call (330)849-6887 or e-mail [pkunce@invent.org](mailto:pkunce@invent.org). Applications are available on the web at <http://www.invent.org/bfg/bfghome.html>. **FAR**

The **Jewish Family and Children's Services** offers financial support for Jewish individuals and their families. Individuals may apply for up to \$5,000. Special scholarships are available for study in Israel. Eligible students must have financial need, have at least a 3.0 GPA., and be residents of San Francisco, the Peninsula, Marin or Sonoma counties, or the Bay Area. There are no deadlines—applications are accepted throughout the year and are available in the Financial Aid Office. **UFA**

For information on the listed fellowships, assistance with essays, or clarification of questions, contact:

**FAR - The Fellowships Advising and Resources Office.**

For information, please contact [lauren\\_stolper@starbase1.caltech.edu](mailto:lauren_stolper@starbase1.caltech.edu). To make an appointment, call x2150.

**UFA - The Undergraduate Financial Aid Office.**

For information, call x6280, or stop by 515 S. Wilson for an appointment.

To submit an event for the Mints, contact [mints@tech.caltech.edu](mailto:mints@tech.caltech.edu) or Mail Code 040-058 by noon on the Monday prior to its inclusion. Submissions must be brief and concise, and the editors reserve the right to edit and abridge all material

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